

# 2004 Accord 4 Door Online Reference Owner's Manual

Use these links (and links throughout this manual) to navigate through this reference.  
For a printed owner's manual, click on authorized manuals or go to [www.helminc.com](http://www.helminc.com).

## Contents

---

### Owner's Identification Form

|   |            |
|---|------------|
| <b>Introduction</b> .....                                       | <b>i</b>   |
| <b>A Few Words About Safety</b> .....                           | <b>ii</b>  |
| <b>Your Vehicle at a Glance</b> .....                           | <b>2</b>   |
| <b>Driver and Passenger Safety</b> .....                        | <b>5</b>   |
| Seat belts, SRS, and child protection.                          |            |
| <b>Instruments and Controls</b> .....                           | <b>59</b>  |
| Indicators, gauges, dashboard, and steering column.             |            |
| <b>Features</b> .....   | <b>109</b> |
| Heating and cooling, audio, steering wheel, and cruise control. |            |
| <b>Before Driving</b> .....                                     | <b>163</b> |
| Fuel, vehicle break-in, and cargo loading.                      |            |
| <b>Driving</b> .....  | <b>177</b> |
| Engine and transmission operation.                              |            |
| <b>Maintenance</b> .....  | <b>199</b> |
| Schedules, fluid checking, minor services, and vehicle storage. |            |
| <b>Taking Care of the Unexpected</b> .....                      | <b>247</b> |
| Flat tire, dead battery, overheating, fuses.                    |            |
| <b>Technical Information</b> .....                              | <b>271</b> |
| Vehicle specifications, tires, fuels, and emissions controls.   |            |
| <b>Warranty and Customer Relations (U.S. and Canada)</b> .....  | <b>287</b> |
| Warranty and contact information.                               |            |
| <b>Authorized Manuals (U.S. only)</b> .....                     | <b>291</b> |
| How to order.   |            |
| <b>Index</b> .....  | <b>I</b>   |

### Service Information Summary

Fluid capacities and tire pressures.

Congratulations! Your selection of a 2004 Honda Accord was a wise investment. It will give you years of driving pleasure.

One of the best ways to enhance the enjoyment of your new Honda is to read this manual. In it, you will learn how to operate its driving controls and convenience items. Afterwards, keep this owner's manual in your vehicle so you can refer to it at any time.

Several warranties protect your new Honda. Read the warranty booklet thoroughly so you understand the coverages and are aware of your rights and responsibilities.

Maintaining your vehicle according to the schedules given in this manual helps to keep your driving trouble-free while it preserves your investment. When your vehicle needs maintenance, keep in mind that your Honda dealer's staff is specially trained in servicing the many systems unique to your Honda. Your Honda dealer is dedicated to your satisfaction and will be pleased to answer any questions and concerns.

## California Proposition 65 Warning

**WARNING:** This product contains or emits chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. This information is intended to help you avoid damage to your Honda, other property, or the environment.

# A Few Words About Safety


---

Your safety, and the safety of others, is very important. And operating this vehicle safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining your vehicle. You must use your own good judgement.

You will find this important safety information in a variety of forms, including:

- **Safety Labels** — on the vehicle.
- **Safety Messages** — preceded by a safety alert symbol  and one of three signal words: **DANGER**, **WARNING**, or **CAUTION**.

These signal words mean:

 **DANGER**

You **WILL** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **WARNING**

You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

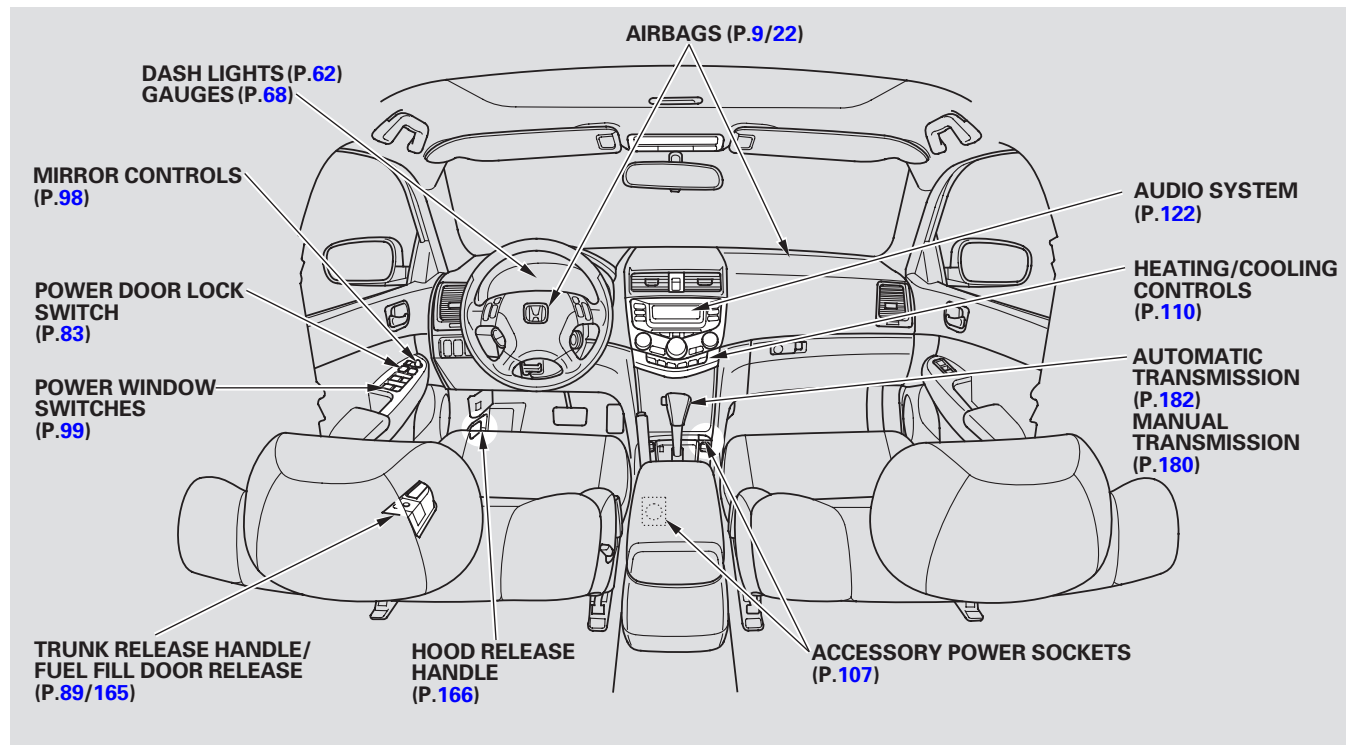
 **CAUTION**

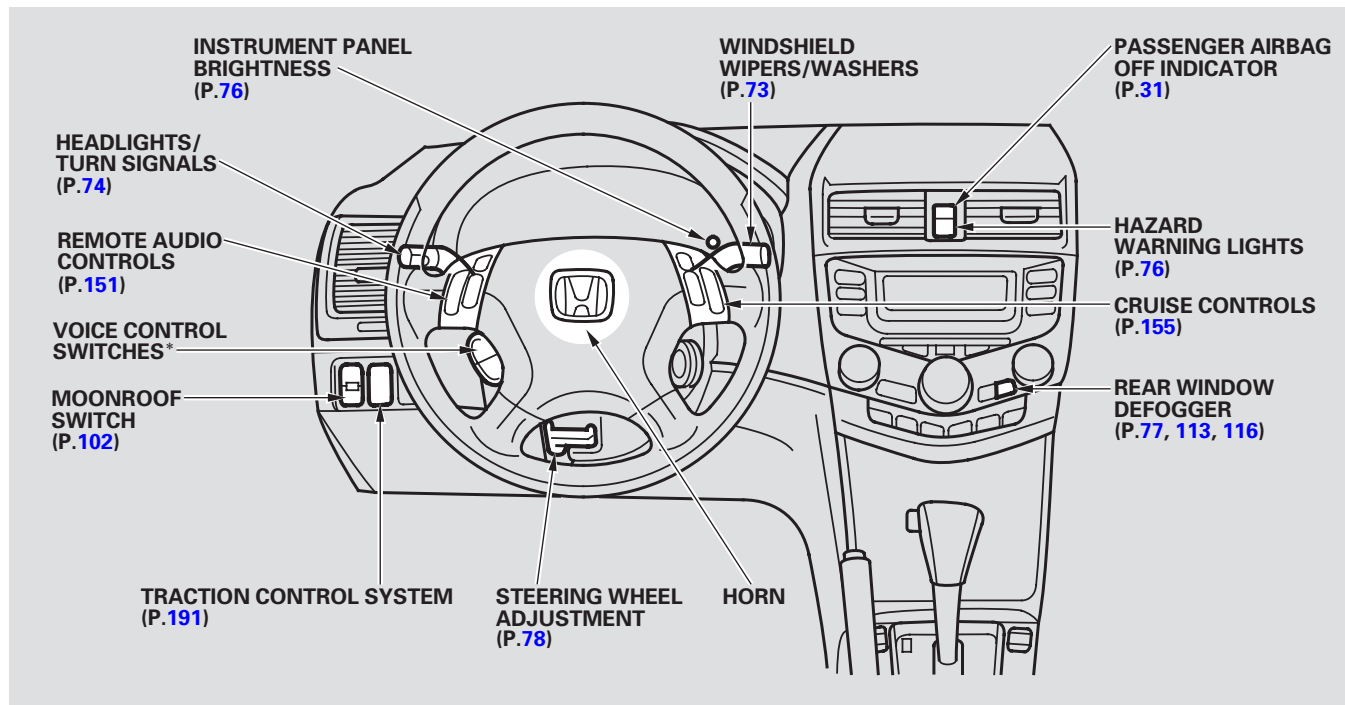
You **CAN** be **HURT** if you don't follow instructions.

- **Safety Headings** — such as Important Safety Reminders or Important Safety Precautions.
- **Safety Section** — such as Driver and Passenger Safety.
- **Instructions** — how to use this vehicle correctly and safely.

This entire book is filled with important safety information — please read it carefully.

# Your Vehicle at a Glance





\* : Only on vehicles equipped with Navigation System. Refer to the Navigation System Owner's Manual.

This section gives you important information about how to protect yourself and your passengers. It shows you how to use seat belts. It explains how your airbags work, and it tells you how to properly restrain infants and children in your vehicle.

|  |    |
|--|----|
| Important Safety Precautions .....                           | 6  |
| Your Vehicle's Safety Features.....                          | 7  |
| Seat Belts .....   | 8  |
| Airbags .....  | 9  |
| Protecting Adults and Teens.....                             | 11 |
| 1. Close and Lock the Doors .....                            | 11 |
| 2. Adjust the Front Seats .....                              | 12 |
| 3. Adjust the Seat-Backs .....                               | 13 |
| 4. Adjust the Head Restraints ....                           | 14 |
| 5. Fasten and Position the Lap/<br>Shoulder Seat Belts ..... | 14 |
| 6. Adjust the Steering Wheel ....                            | 16 |
| 7. Maintain a Proper Sitting<br>Position .....               | 16 |

|   |    |
|---|----|
| Advice for Pregnant Women.....                        | 17 |
| Additional Safety Precautions....                     | 18 |
| Additional Information About Your<br>Seat Belts ..... | 19 |
| Seat Belt System Components...                        | 19 |
| Lap/Shoulder Belt .....                               | 19 |
| Automatic Seat Belt Tensioners.....                   | 20 |
| Seat Belt Maintenance .....                           | 21 |
| Additional Information About Your<br>Airbags.....     | 22 |
| Airbag System Components.....                         | 22 |
| How Your Front Airbags Work.....                      | 23 |
| Advanced Airbags .....                                | 25 |
| How Your Side Airbags Work....                        | 27 |
| How Your Side Curtain Airbags<br>Work.....            | 28 |
| How the SRS Indicator Works...                        | 28 |
| How the Side Airbag Off<br>Indicator Works .....      | 29 |
| How the Passenger Airbag Off<br>Indicator Works ..... | 31 |
| Airbag Service .....                                  | 32 |
| Additional Safety Precautions....                     | 33 |
| Protecting Children — General<br>Guidelines.....      | 34 |

|  |    |
|--|----|
| All Children Must Be<br>Restrained .....                     | 34 |
| All Children Should Sit in the<br>Back Seat .....            | 35 |
| The Passenger's Front Airbag<br>Can Pose Serious Risks ..... | 35 |
| Infants .....  | 35 |
| Small Children.....  | 35 |
| Larger Children .....  | 35 |
| If You Must Drive with Several<br>Children .....             | 38 |
| If a Child Requires Close<br>Attention .....                 | 38 |
| Additional Safety Precautions....                            | 38 |
| Protecting Infants and<br>Small Children.....                | 40 |
| Protecting Infants.....                                      | 40 |
| Protecting Small Children .....                              | 42 |
| Selecting Child Seats.....                                   | 43 |
| Installing a Child Seat .....                                | 45 |
| Installing a Child Seat Using<br>LATCH.....                  | 46 |
| Protecting Larger Children .....                             | 51 |
| Additional Safety Precautions....                            | 55 |
| Carbon Monoxide Hazard .....                                 | 56 |
| Safety Labels .....  | 57 |

# Important Safety Precautions

---

You'll find many safety recommendations throughout this section, and throughout this manual. The recommendations on this page are the ones we consider to be the most important.

## **Always Wear Your Seat Belt**

A seat belt is your best protection in all types of collisions. Airbags supplement seat belts, but airbags are designed to inflate only in a moderate to severe frontal collision. So even though your vehicle is equipped with airbags, make sure you and your passengers always wear your seat belts, and wear them properly (see page [14](#) ).

## **Restrain All Children**

Children age 12 and under should ride properly restrained in a back seat. Infants and small children should be restrained in a child seat. Larger children should use a booster and a lap/shoulder belt until they

can use the belt properly without a booster (see page [34](#) ).

## **Be Aware of Airbag Hazards**

While airbags can save lives, they can cause serious or fatal injuries to occupants who sit too close to them, or are not properly restrained. Infants, young children, and short adults are at the greatest risk. Be sure to follow all instructions and warnings in this manual.

## **Don't Drink and Drive**

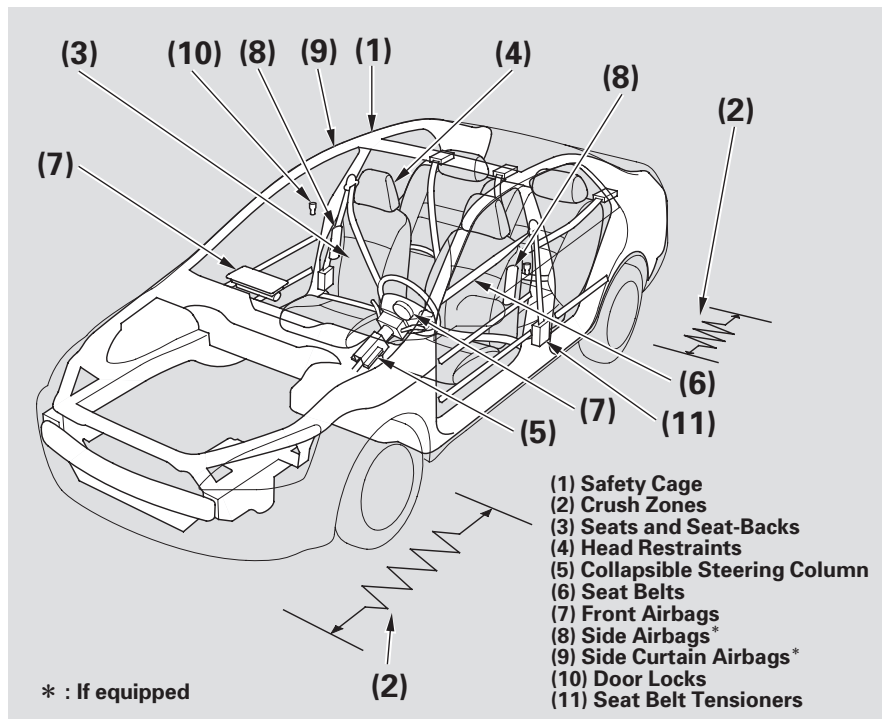
Alcohol and driving don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and drive, and don't let your friends drink and drive, either.

## **Control Your Speed**

Excessive speed is a major factor in crash injuries and deaths. Generally, the higher the speed, the greater the risk, but serious injuries can also occur at lower speeds. Never drive faster than is safe for current conditions, regardless of the maximum speed posted.

## **Keep Your Vehicle in Safe Condition**

Having a tire blowout or a mechanical failure can be extremely hazardous. To reduce the possibility of such problems, check your tire pressures and condition frequently, and perform all regularly scheduled maintenance (see page [201](#) ).



Your vehicle is equipped with many features that work together to protect you and your passengers during a crash.

Some safety features do not require any action on your part. These include a strong steel framework that forms a safety cage around the passenger compartment; front and rear crush zones, a collapsible steering column, and seat belt tensioners that tighten the front seat belts in the event of a crash.

However, you and your passengers can't take full advantage of these safety features unless you remain sitting in a proper position and always wear your seat belts properly. In fact, some safety features can contribute to injuries if they are not used properly.

The following pages explain how you can take an active role in protecting yourself and your passengers.



# Your Vehicle's Safety Features

---

## Seat Belts

Your vehicle is equipped with seat belts in all seating positions.



Your seat belt system also includes a light on the instrument panel to remind you and your passengers to fasten your seat belts.

### *Why Wear Seat Belts*

Seat belts are the single most effective safety device for adults and larger children (Infants and smaller children must be properly restrained in child seats).

Not wearing a seat belt properly increases the chance of serious injury or death in a crash, even though your vehicle has airbags.

In addition, most states and all Canadian provinces require you to wear seat belts.

When properly worn, seat belts:

- Keep you connected to the vehicle so you can take advantage of the vehicle's built-in safety features.
- Help protect you in almost every type of crash, including frontal, side, and rear impacts and rollovers.
- Help keep you from being thrown against the inside of the vehicle and against other occupants.
- Keep you from being thrown out of the vehicle.
- Help keep you in a good position should the airbags ever deploy. A good position reduces the risk of injury from an inflating airbag, and allows you to get the best advantage from the airbag.

Of course, seat belts cannot completely protect you in every crash. But in most cases, seat belts can reduce your risk of serious injury.

## ***What You Should Do:***

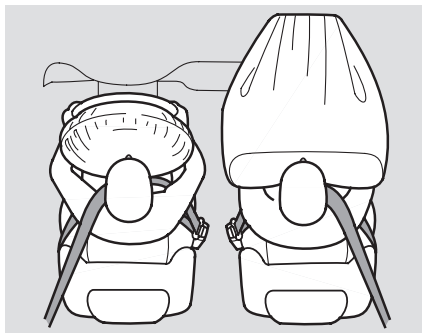
Always wear your seat belt, and make sure you wear it properly.

### **⚠ WARNING**

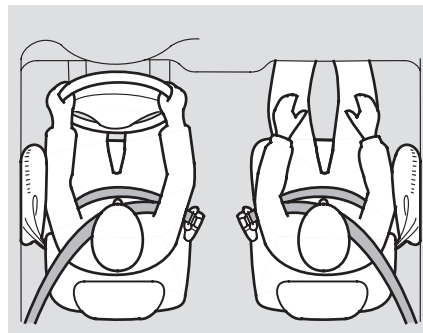
Not wearing a seat belt properly increases the chance of serious injury or death in a crash, even if you have airbags.

Be sure you and your passenger always wear seat belts and wear them properly.

## **Airbags**



Your vehicle has a Supplemental Restraint System (SRS) with front airbags to help protect the heads and chests of the driver and a front seat passenger during a moderate to severe frontal collision (see page [23](#) for more information on how your front airbags work).

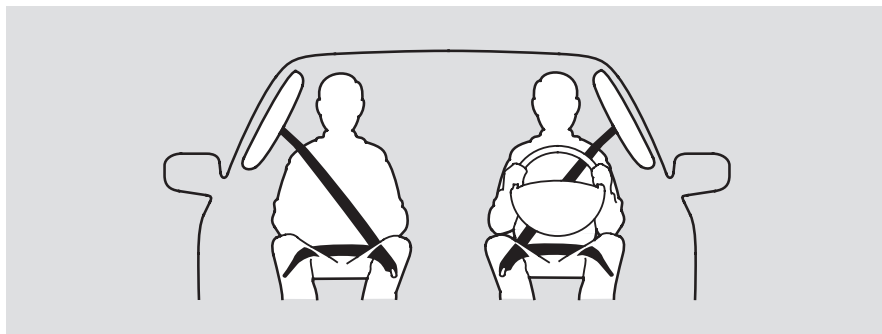


*Standard on V-6 and EX models.  
Optional on the U.S. LX model*

Your vehicle also has side airbags to help protect the upper torso of the driver or a front seat passenger during a moderate to severe side impact (see page [27](#) for more information on how your side airbags work).

*CONTINUED*

# Your Vehicle's Safety Features



*U.S. EX-L model, optional on U.S. EX model and Canadian EX-V6 model*

Your vehicle also has side curtain airbags to help protect the heads of the driver, front passenger, and passengers in the outer rear seating positions (see page 28 for more information on how your side curtain airbags work).

The most important things you need to know about your airbags are:

- ***Airbags do not replace seat belts.*** They are designed to supplement the seat belts.
- ***Airbags offer no protection in rear impacts, or minor frontal or side collisions.***

- ***Airbags can pose hazards.*** To do their job, airbags must inflate with tremendous force. So while airbags help save lives they can cause minor injuries, or more serious or even fatal injuries if occupants are not properly restrained or sitting properly.

***What you should do:*** Always wear your seat belt properly, and sit upright, and as far back from the steering wheel as possible while allowing full control of the vehicle. A front passenger should move their seat as far back from the dashboard as possible.

The rest of this section gives more detailed information about how you can maximize your safety.

Remember, however, that no safety system can prevent all injuries or deaths that can occur in severe crashes, even when seat belts are properly worn and the airbags deploy.

### **Introduction**

The following pages provide instructions on how to properly protect the driver, adult passengers, and teenage children who are large enough and mature enough to ride in the front. See pages 34 – 55 for important guidelines on how to properly protect infants, small children, and larger children who ride in your vehicle.

### **1. Close and Lock the Doors**

After everyone has entered the car, be sure the doors are closed and locked.

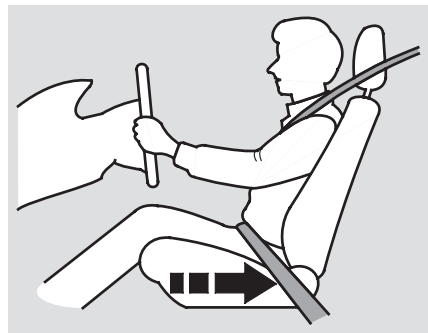
Your vehicle has a door monitor light on the instrument panel to indicate when a specific door is not tightly closed.

Locking the doors reduces the chance of someone being thrown out of the vehicle during a crash, and it helps prevent passengers from accidentally opening a door and falling out.

Locking the doors also helps prevent an outsider from unexpectedly opening a door when you come to a stop.

See page 83 for how to lock the doors, and page 64 for how the monitor light works.

## 2.Adjust the Front Seats



Adjust the driver's seat as far to the rear as possible while allowing you to maintain full control of the vehicle. Have a front passenger adjust their seat as far to the rear as possible.

If you sit too close to the steering wheel or dashboard, you can be seriously injured by an inflating front airbag, or by striking the steering wheel or dashboard.

The National Highway Traffic Safety Administration and Transport Canada recommend that drivers allow at least 10 inches (25 cm) between the center of the steering wheel and the chest.

If you cannot get far enough away from the steering wheel and still reach the controls, we recommend that you investigate whether some type of adaptive equipment may help.

Once your seat is adjusted correctly, rock it back and forth to make sure the seat is locked in position.

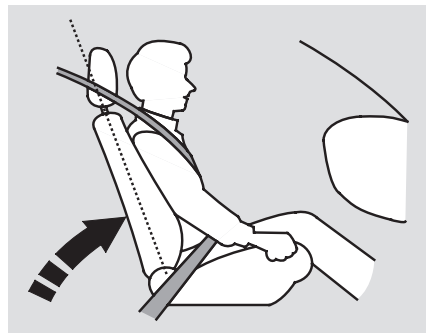
See pages [92](#) and [93](#) for how to adjust the front seats.

### **⚠ WARNING**

Sitting too close to a front airbag can result in serious injury or death if the front airbags inflate.

Always sit as far back from the front airbags as possible.

## 3. Adjust the Seat-Backs



Adjust the driver's seat-back to a comfortable, upright position, leaving ample space between your chest and the airbag cover in the center of the steering wheel.

Passengers with adjustable seat-backs should also adjust their seat-back to a comfortable, upright position.

Reclining a seat-back so that the shoulder part of the belt no longer rests against the occupant's chest reduces the protective capability of the belt. It also increases the chance of sliding under the belt in a crash and being seriously injured. The farther a seat-back is reclined, the greater the risk of injury.

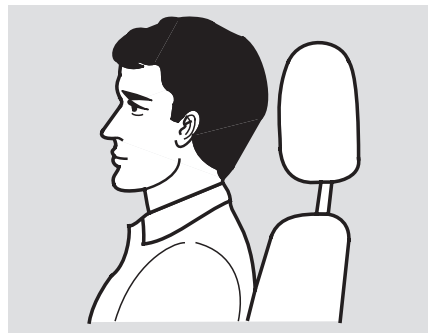
See pages [92](#) and [93](#) for how to adjust the seat-backs.

### **⚠ WARNING**

Reclining the seat-back too far can result in serious injury or death in a crash.

Adjust the seat-back to an upright position, and sit well back in the seat.

## 4. Adjust the Head Restraints



Adjust the driver's head restraint so the back of your head rests against the center of the restraint.

Have passengers with adjustable restraints adjust their restraints properly as well. Taller persons should adjust their restraint as high as possible.

### **⚠ WARNING**

Improperly positioning head restraints reduces their effectiveness and you can be seriously injured in a crash.

Make sure head restraints are in place and positioned properly before driving.

Properly adjusted head restraints will help protect occupants from whiplash and other crash injuries.

See page [94](#) for how to adjust the head restraints.

## 5. Fasten and Position the Lap/Shoulder Seat Belts

Insert the latch plate into the buckle, then tug on the belt to make sure the belt is securely latched. Also check that the belt is not twisted, because a twisted belt can cause serious injuries in a crash.



Position the lap part of the belt as low as possible across your hips, then pull up on the shoulder part of the belt so the lap part fits snugly. This lets your strong pelvic bones take the force of a crash and reduces the chance of internal injuries.

If necessary, pull up on the belt again to remove any slack, then check that the belt rests across the center of your chest and over your shoulder. This spreads the forces of a crash

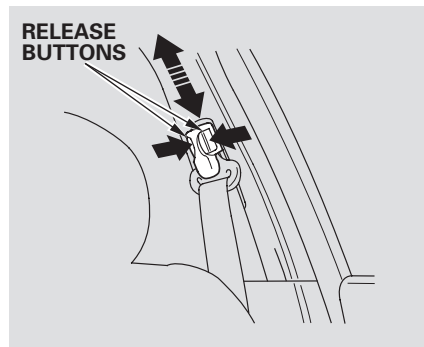
over the strongest bones in your upper body. If the seat belt touches or crosses your neck, or if it crosses your arm instead of your shoulder, you need to adjust the seat belt anchor height. To adjust the height of a front seat belt anchor, press the release button and slide the anchor up or down as needed (the anchor has four positions).

***Never place the shoulder portion of a lap/shoulder belt under your arm or behind your back.*** This could cause very serious injuries in a crash.

### **WARNING**

Improperly positioning the seat belts can cause serious injury or death in a crash.

Make sure all seat belts are properly positioned before driving.



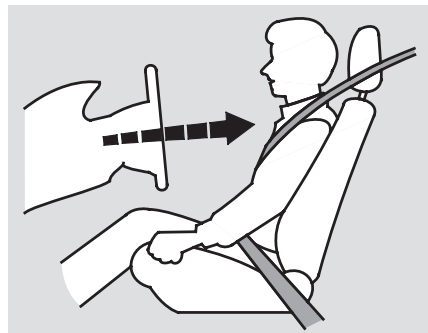
If a seat belt does not seem to work as it should, it may not protect the occupant in a crash.

***No one should sit in a seat with an inoperative seat belt.*** Using a seat belt that is not working properly can result in serious injury or death. Have your Honda dealer check the belt as soon as possible. See page 19 for additional information about your seat belts and how to take care of them.

*CONTINUED*



## 6. Adjust the Steering Wheel



Adjust the steering wheel, if needed, so that the wheel points toward your chest, not toward your face. This provides optimal protection from the front airbag.

See page [78](#) for how to adjust the steering wheel.

## 7. Maintain a Proper Sitting Position

After all occupants have adjusted their seats and put on seat belts, it is very important that they continue to sit upright, well back in their seats, with their feet on the floor, until the vehicle is parked and the engine is off.

Sitting improperly can increase the chance of injury during a crash. For example, if an occupant slouches, lies down, turns sideways, sits forward, leans forward or sideways, or puts one or both feet up, the chance of injury during a crash is greatly increased.

In addition, an occupant who is out of position in the front seat can be seriously or fatally injured in a crash by striking interior parts of the vehicle or being struck by an inflating front airbag. Being struck by an inflating side airbag can possibly result in serious injuries.

### **⚠ WARNING**

Sitting improperly or out of position can result in serious injury or death in a crash.

Always sit upright, well back in the seat, with your feet on the floor.

### **Advice for Pregnant Women**



If you are pregnant, the best way to protect yourself and your unborn child when driving or riding in a vehicle is to always wear a seat belt, and keep the lap part of the belt as low as possible across the hips.

When driving, remember to sit upright and adjust the seat as far back as possible while allowing full control of the vehicle. When riding as a front passenger, adjust the seat as far back as possible.

This will reduce the risk of injuries to both you and your unborn child that can be caused by a crash or an inflating front airbag.

Each time you have a check-up, ask your doctor if it's okay for you to drive.

## Additional Safety Precautions

- ***Two people should never use the same seat belt.*** If they do, they could be very seriously injured in a crash.
- ***Do not put any accessories on seat belts.*** Devices intended to improve occupant comfort or reposition the shoulder part of a seat belt can reduce the protective capability of the seat belt and increase the chance of serious injury in a crash.
- ***Do not place hard or sharp objects between yourself and a front airbag.*** Carrying hard or sharp objects on your lap, or driving with a pipe or other sharp objects in your mouth, can result in injuries if your front airbag inflates.
- ***Keep your hands and arms away from the airbag covers.*** If your hands or arms are close to an airbag cover, they could be injured if the front airbag inflates.
- ***Do not attach or place objects on the front airbag covers.*** Objects on the covers marked “SRS AIRBAG” could interfere with the proper operation of the airbags or be propelled inside the vehicle and hurt someone if the airbags inflate.
- ***On models with side airbags, do not attach hard objects on or near a front door.*** If a side airbag or a side curtain airbag inflates, a cup holder or other hard object attached on or near the door could be propelled inside the vehicle and hurt someone.
- ***Do not modify the front seats.*** This could make the driver’s seat position sensor or the front passenger’s seat weight sensors ineffective.
- ***Do not place any items under the front seats.*** This could cause problems with the driver’s seat position sensor or the front passenger’s seat weight sensors.
- ***Do not place the right rear floor mat under the front passenger’s seat.*** This could make the front passenger’s weight sensors ineffective. Make sure the right rear floor mat is hooked over the floor mat anchor (see page [235](#)).

### Seat Belt System Components

Your seat belt system includes lap/shoulder belts in all five seating positions. The front seat belts are also equipped with automatic seat belt tensioners.



The seat belt system includes a light on the instrument panel to remind you and your passengers to fasten your seat belts.

If you turn the ignition switch to ON (II) without fastening your seat belt, a beeper will sound and the light will blink. The beeper will stop after several seconds.

If you do not fasten your seat belt before the beeper stops, the indicator light will stop blinking but remain lit. If you continue driving without fastening your seat belt, the indicator will come on and the beeper will sound at regular intervals.

### Lap/Shoulder Belt

The lap and shoulder belt goes over your shoulder, across your chest, and across your hips.

To fasten the belt, insert the latch plate into the buckle, then tug on the belt to make sure the buckle is latched (see page 15 for how to properly position the belt).

To unlock the belt, push the red PRESS button on the buckle. Guide the belt across your body so that it retracts completely. After exiting the vehicle, be sure the belt is out of the way and will not get closed in the door.

All seat belts have an emergency locking retractor. In normal driving, the retractor lets you move freely in your seat while it keeps some tension on the belt. During a collision or sudden stop, the retractor automatically locks the belt to help restrain your body.

The seat belts in all positions except the driver's have an additional locking mechanism that must be activated to secure a child seat (see page 48).

*CONTINUED*

## Additional Information About Your Seat Belts

---

If the shoulder part of the belt is pulled all the way out, the locking mechanism will activate. The belt will retract, but it will not allow the passenger to move freely.

To deactivate the locking mechanism, unlatch the buckle, and let the seat belt fully retract. To refasten the belt, pull it out only as far as needed.

### Automatic Seat Belt Tensioners



For added protection, the front seat belts are equipped with automatic seat belt tensioners. When activated, the tensioners immediately tighten the belts to help hold the driver and a front passenger in place.

The tensioners are designed to activate primarily in frontal collisions, and they should activate in any collision severe enough to cause front-airbag inflation.

However, the tensioners can be activated during a collision in which the front airbags do not deploy. In this case, the airbags would not be needed, but the additional restraint could be helpful.

When the tensioners are activated, the seat belts will remain tight until they are unbuckled in the normal manner.

### Seat Belt Maintenance

For safety, you should check the condition of your seat belts regularly.

Pull each belt out fully and look for frays, cuts, burns, and wear. Check that the latches work smoothly and the belts retract easily. Any belt that is not in good condition or not working properly will not provide good protection and should be replaced as soon as possible.

Honda provides a lifetime warranty on seat belts for U.S. models. See your *Honda Warranty Information* booklet for details.

### WARNING

Not checking or maintaining seat belts can result in serious injury or death if the seat belts do not work properly when needed.

Check your seat belts regularly and have any problem corrected as soon as possible.

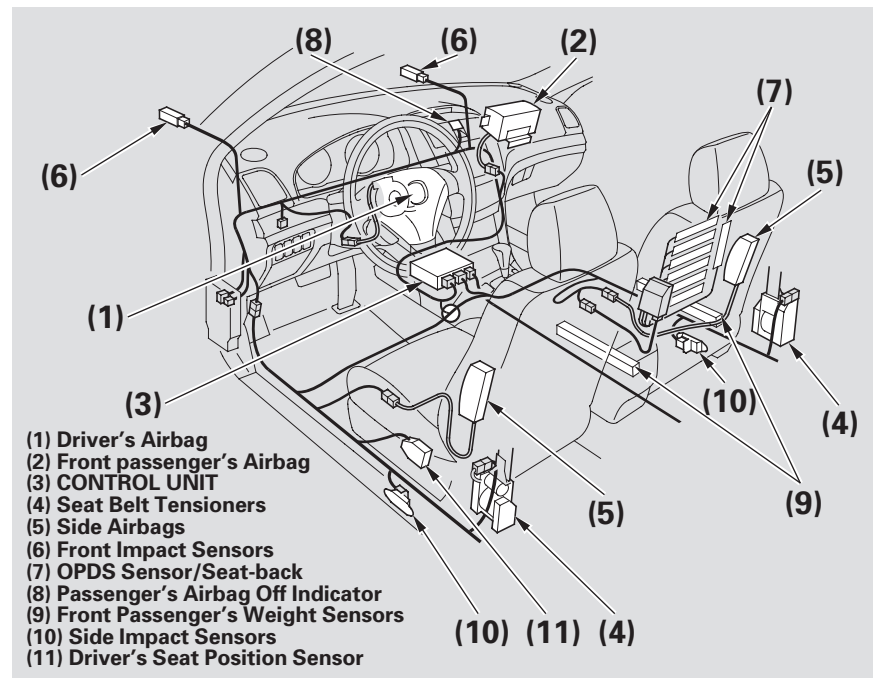
If a seat belt is worn during a crash, it must be replaced by the dealer. A belt that has been worn during a crash may not provide the same level of protection in a subsequent crash.

The dealer should also inspect the anchors for damage and replace them if needed. If the automatic seat belt tensioners activate during a crash, they must be replaced.

For information on how to clean your seat belts, see page [235](#).

# Additional Information About Your Airbags

## Airbag System Components



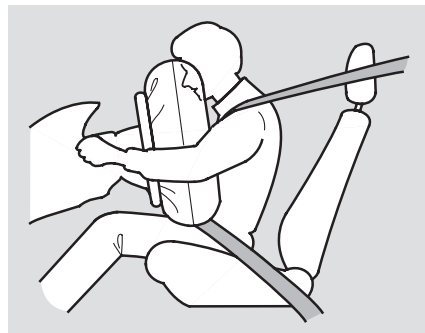
Your airbag system includes:

- Two SRS (Supplemental Restraint System) front airbags. The driver's airbag is stored in the center of the steering wheel; the front passenger's airbag is stored in the dashboard. Both are marked "SRS AIRBAG."
- On models equipped with two side airbags, one for the driver and one for a front passenger. The airbags are stored in the outer edges of the seat-backs. Both are marked "SIDE AIRBAG" (see page [27](#) ).
- On models equipped with two side curtain airbags, one for each side of the vehicle. The airbags are stored in the front, center, and rear pillars. The front and center pillars on both sides are marked "SIDE CURTAIN AIRBAG" (see page [28](#) ).

- Automatic front seat belt tensioners (see page 20 ).
- Sensors that can detect a moderate to severe frontal impact or side impact in models equipped with side airbags.
- A sophisticated electronic system that continually monitors and records information about the sensors, the control unit, the airbag activators, and driver and passenger seat belt use when the ignition is ON (II).
- A driver's seat position sensor that monitors the seat position. If the seat is too far forward, the airbag will inflate with less force (see page 26 ).

- Front passenger's weight sensors that monitor the weight on the seat. These prevent the passenger's airbag from inflating if the weight is less than about 65 lbs (30 kg) (see page 26 ).
- An indicator light on the instrument panel that alerts you to a possible problem with your airbags (see page 63 ).
- An indicator on the dashboard that alerts you that the passenger's front airbag has been turned off (see page 31 ).
- Emergency backup power in case your vehicle's electrical system is disconnected in a crash.

### How Your Front Airbags Work



If you ever have a moderate to severe frontal collision, sensors will detect the vehicle's rapid deceleration. If the rate of deceleration is high enough, the control unit will instantly inflate the driver's and front passenger's front airbags, at the time and with the force needed.

*CONTINUED*



## Additional Information About Your Airbags

---

During a frontal crash, your seat belt restrains your lower body and torso, and the airbag helps protect your head and chest.

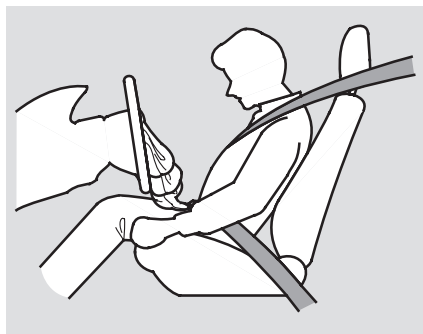
Although both airbags normally inflate within split second of each other, it is possible for only one airbag to deploy.

This can happen if the severity of a collision is at the margin, or threshold, that determines whether or not the airbags will deploy. In such cases, the seat belt will provide sufficient protection, and the supplemental protection offered by the airbag would be minimal.

Only the driver's airbag can deploy if there is no passenger in the front seat, or if the advanced airbag system has turned the passenger's airbag off (see page [31](#)).

After inflating, the front airbags immediately deflate, so they won't interfere with the driver's visibility, or the ability to steer or operate other controls.

The total time for inflation and deflation is one-tenth of a second, so fast that most occupants are not aware that the airbags deployed until they see them lying in their laps.



After a crash, you may see what looks like smoke. This is actually powder from the airbag's surface. Although the powder is not harmful, people with respiratory problems may experience some temporary discomfort. If this occurs, get out of the vehicle as soon as it is safe to do so.

### ***Dual-Stage Airbags***

Your front airbags are dual-stage airbags. This means they have two inflation stages that can be ignited sequentially or simultaneously, depending on crash severity.

In a ***more severe*** crash, both stages will ignite simultaneously to provide the quickest and greatest protection.

In a ***less severe*** crash, one stage will ignite first, then the second stage will ignite a split second later. This provides longer airbag inflation time with a little less force.

### ***Dual-Threshold Airbags***

Your front airbags are also dual-threshold airbags. Airbags with this feature have two deployment thresholds that depend on whether or not the occupant is wearing a seat belt.

If the occupant's belt is ***not latched***, the airbag will deploy at the same threshold as a conventional airbag, because the occupant would need extra protection.

If the occupant's belt is ***latched***, the airbag will inflate at a slightly higher threshold, when the airbag would be needed to supplement the protection provided by the seat belt.

### ***Advanced Airbags***

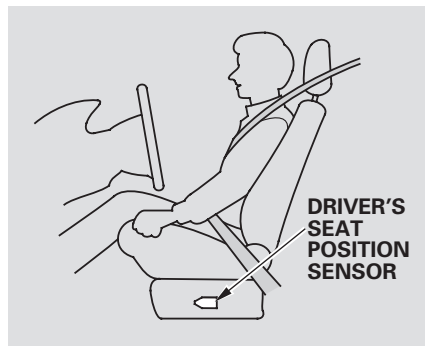
Your front airbags are also advanced airbags. The main purpose of this feature is to prevent airbag-caused injuries to short drivers and children who ride in front.

For the advanced airbag to work properly, occupants must sit upright and wear their seat belts properly. If a child seat is installed in the front, it must be properly secured.

In addition, do not spill any liquids, cover the sensors, or put any cargo or metal objects under the front seats. Ask rear seat passengers to not put their feet under the front seats. Any of these actions could damage the sensors or prevent them from working properly.

*CONTINUED*

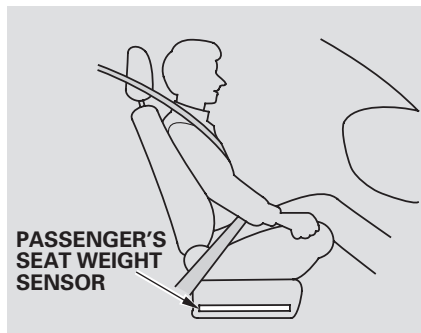
## Additional Information About Your Airbags



The driver's advanced front airbag system includes a seat position sensor under the seat. If the seat is positioned too far forward, the airbag will inflate sequentially, regardless of the severity of the impact.

If there is a problem with the seat position sensor, the SRS indicator in the instrument will come on in the instrument panel. In this case, the driver's airbag will inflate in the

normal manner during a crash regardless of the driver's seating position.



The passenger's advanced front airbag system has weight sensors under the seat. If sensors detect a total weight on the seat of about 65 lbs (30 kg) or less, the system will automatically turn the passenger's front airbag off.

When the airbag is turned off, a light in the center of the dashboard will come on indicating "Passenger Airbag Off" (see page [31](#)).

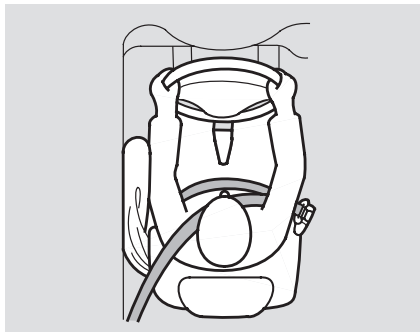
If there is no passenger in the front seat, the **airbag will be off** but the indicator **light will not come on**.

To ensure that the passenger's advanced front airbag system will work properly, ***do not do anything that would increase or decrease the weight on the front passenger's seat.*** This includes:

- A rear passenger pushing or pulling on the back of the passenger's seat.
- Moving the front seat forcibly back against cargo on the seat or floor behind it.
- Hanging heavy items on the front passenger seat, or placing heavy items in the seat-back pocket.
- Make sure the rear floor mat is hooked to the floor mat anchor. If not, the floor mat will prevent the seat operation and the sensors may not work properly.

### How Your Side Airbags Work

*Only on models equipped with side airbags*



If you ever have a moderate to severe side impact, the sensors will detect rapid deceleration and signal the control unit to instantly inflate either the driver's or the passenger's side airbag.

Only one airbag will deploy during a side impact. If the impact is on the passenger's side, the passenger's

side airbag will deploy even if there is no passenger.

To get the best protection from the side airbags, front seat occupants should wear their seat belts and sit upright and well back in their seats. The passenger's side airbag has a cutoff system designed to turn off the passenger's side airbag if a child's head is in the airbag's deployment path (see page [31](#)).

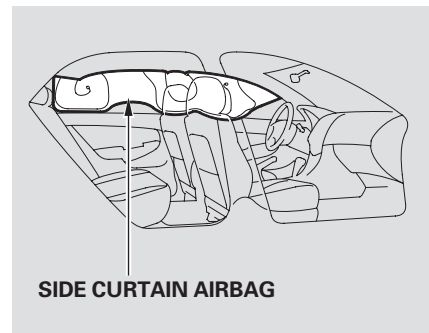
If the side airbag off indicator light comes on, have the passenger sit upright. Once the passenger is out of the deployment path of the side airbag, the system will turn the airbag back on and the light will go out.

A front seat passenger should not use a cushion or other object as a backrest. It may prevent the cutoff system from working properly.

# Additional Information About Your Airbags

## How Your Side Curtain Airbags Work

*(On models equipped)*



Your vehicle is equipped with side curtain airbags. These airbags are stored in the front, center, and rear pillars on both sides. The front and rear pillars on both sides are marked "SIDE CURTAIN AIRBAG."

In a moderate to severe side impact, sensors will detect rapid deceleration and signal the control unit to instantly inflate the side curtain airbag on the driver's or the passenger's side of the vehicle. If the impact is on the passenger's side, the passenger's side curtain airbag will inflate even if there are no occupants on that side of the vehicle.

To get the best protection from the side curtain airbags, occupants should wear their seat belts and sit upright and well back in their seats.

## How the SRS Indicator Light Works



The SRS indicator light alerts you to a potential problem with your front airbags, side airbags, side curtain airbags, front seat belt tensioners, or the driver's seat position sensor and the front passenger's weight sensors (see pages [26](#) and [31](#)).

On models with side airbags, this indicator will also alert you to a potential problem with your side airbags, the passenger's side airbag automatic cutoff system (see page [29](#)), or the side curtain airbags.

When you turn the ignition ON (II), this indicator will light briefly then go out. This tells you that the system is working properly.

If the light comes on at any other time, or does not come on at all, you should have the system checked by your dealer. For example:

- If the SRS indicator light does not come on after you turn the ignition ON (II).
- If the light stays on after the engine starts.
- If the light comes on or flashes on and off while you drive.

If you see any of these indications, the airbags and the seat belt tensioners may not work properly when you need them.

### **WARNING**

Ignoring the SRS indicator light can result in serious injury or death if the airbag systems or tensioners do not work properly.

Have your car checked by a dealer as soon as possible if the SRS light alerts you to a possible problem.

### **How the Side Airbag Off Indicator Light Works**

*(On models equipped)*



This light alerts you that the passenger's side airbag has been automatically shut off. It does **not** mean there is a problem with your side airbags.

To reduce the risk of injury from an inflating side airbag, your vehicle has an automatic cutoff system for the passenger's side airbag.

*CONTINUED*

## Additional Information About Your Airbags

---

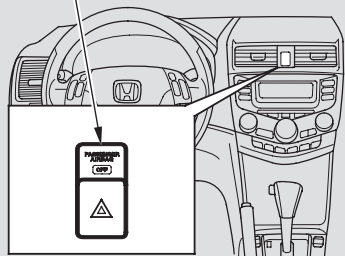
Although Honda does not encourage children to ride in front, this system is designed to shut off the side airbag if a child leans sideways and the child's head is in the side airbag deployment path.

If a short adult leans sideways, or a larger adult slouches and leans sideways into the side airbag deployment path, the system may also shut off the side airbag.

When you turn the ignition switch to ON (II), the indicator should light briefly and go out (see page [63](#)). If it doesn't light, stays on, or comes on while driving without a passenger in the front seat, have the system checked.

### How the Passenger Airbag Off Indicator Light Works

#### PASSENGER AIRBAG OFF INDICATOR



This light alerts you that the passenger's front airbag has been shut off. It does not mean there is a problem with the airbag.

To reduce the chance of airbag-caused injuries, the system shuts off the passenger's front airbag when the total weight on the front passenger's seat is about 65 lbs (30 kg) or less.

If no one is riding in the front passenger's seat, the airbag will be automatically shut off, but the indicator light will not come on.

However, if the light comes on with no passenger in the front, or with an adult in the seat, there may be a problem with the advanced airbag system. Have the vehicle checked by the dealer as soon as possible.

The Passenger Airbag Off indicator may also come on and off repeatedly if total weight on the seat is near the airbag cutoff threshold (65 lbs or 30 kg).

If this happens, have the passenger ride properly restrained in a back seat. If the passenger must ride in front, move the seat as far to the rear as possible, have the passenger sit upright and wear the seat belt properly.

This indicator may come on and off repeatedly if objects are placed on the front passenger's seat, or if the interior temperature of the vehicle changes suddenly when a door is opened.

See page [26](#) for more information about the passenger's advanced front airbag.



## Additional Information About Your Airbags

---

### Airbag Service

Your airbag systems are virtually maintenance-free, and there are no parts you can safely service. However, you must have your vehicle serviced if:

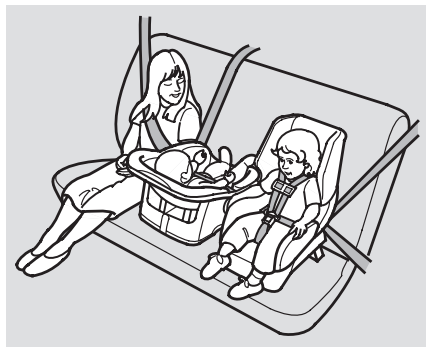
- ***An airbag ever inflates.*** Any airbag that has deployed must be replaced along with the control unit and other related parts. If a front airbag inflates, the seat belt tensioners must also be replaced. Do not try to remove or replace any airbag by yourself. This must be done by a Honda dealer or a knowledgeable body shop.
- ***The SRS indicator light alerts you to a problem.*** Take your vehicle to an authorized Honda dealer as soon as possible. If you ignore this indication, your airbags may not operate properly.
- ***If your vehicle has a moderate to severe impact.*** Even if your airbags do not inflate, your dealer should inspect the driver's seat position sensor and the front passenger's weight sensors to make sure they are operating properly.

### Additional Safety Precautions

- **Do not attempt to deactivate your airbags.** Together, airbags and seat belts provide the best protection.
- **Do not tamper with airbag components or wiring for any reason.** Tampering could cause the airbags to deploy, possibly causing very serious injury.
- **Do not expose the front seat-backs to liquid.** If water or another liquid soaks into a seat-back, it can prevent the side airbag cutoff system from working properly.
- **Do not place any items under the front seats.** This could make the driver's seat position sensor and the front passenger's weight sensors ineffective.

- **Do not place the right rear floor mat under the front passenger's seat.** This could make the front passenger's weight sensors ineffective. Make sure the right rear floor mat is hooked over the floor mat anchor (see page 235).
- **Do not cover or replace front seat-back covers without consulting a Honda dealer.** Improperly replacing or covering front seat-back covers can prevent your side airbags from inflating during a side impact.
- **Do not do anything that would increase or decrease weight on the front passenger's seat.** Pushing or pulling on the back of the seat, placing heavy items in the back seat pocket, pushing cargo against the seat, or hanging heavy items on the seat back can interfere with the proper operation of the passenger's advanced front airbag.

- **Do not remove or modify a front seat without consulting a Honda dealer.** This could make the driver's seat position sensor or the front passenger's weight sensors ineffective. If it is necessary to remove or modify a front seat to accommodate a person with disabilities, first contact American Honda at 800-999-1009.



Children depend on adults to protect them. However, despite their best intentions many adults do not know how to properly protect child passengers.

If you have children, or if you ever need to drive with a child in your vehicle, be sure to read this section. It begins with important general guidelines, then presents special information for infants, small children, and larger children.

### All Children Must Be Restrained

Each year, many children are injured or killed in vehicle crashes because they are either unrestrained or not properly restrained. In fact, vehicle accidents are the number one cause of death of children ages 12 and under.

To reduce the number of child deaths and injuries, every state and Canadian province requires that infants and children be properly restrained when they ride in a vehicle.

### **⚠ WARNING**

Children who are unrestrained or improperly restrained can be seriously injured or killed in a crash.

Any child too small for a seat belt should be properly restrained in a child seat. A larger child should be properly restrained with a seat belt and use a booster if necessary.

***Infants and small children must be restrained in an approved child seat that is properly secured to the vehicle*** (see pages 40 – 50).

***Larger children must be restrained with a lap/shoulder belt and ride on a booster until the seat belt fits them properly*** (see pages 51 – 55).

### **All Children Should Sit in the Back Seat**

According to accident statistics, children of all ages and sizes are safer when they are restrained in the back seat. The National Highway Traffic Safety Administration and Transport Canada recommend that all children age 12 and under be properly restrained in the back seat. Children who ride in back are less likely to be injured by striking interior vehicle parts during a collision or hard braking. Also, children cannot be injured by an inflating airbag when they ride in the back.

### **The Passenger's Front Airbag Can Pose Serious Risks**

Front airbags have been designed to help protect adults in a moderate to severe frontal collision. To do this the passenger's front airbag is quite large and it can inflate with enough force to cause very serious injuries.

To help prevent airbag-caused injuries to children, this vehicle has an advanced airbag system.

With this system, the front passenger's airbag is turned off if sensors detect a total weight of less than about 65 lbs (30 kg) on the seat (see pages 25 – 26 for additional information about how the front passenger's advanced airbag works).

Even if the passenger's front airbag is turned off, we strongly recommend that children age 12 and under ride properly restrained in a back seat where they will be safer.

CONTINUED

# Protecting Children — General Guidelines

## *U.S. Models*

To remind you of the passenger's front airbag hazards, and that children must be properly restrained in the back seat, your vehicle has warning labels on the dashboard and on the driver's and front passenger's visors. Please read and follow the instructions on these labels.



This Vehicle is Equipped with  
Advanced Air Bags

### Even with Advanced Air Bags

Children can be killed or seriously injured by the air bag.  
The back seat is the safest place for children.  
Always use seat belts and child restraints.  
See owner's manual for more information about air bags.

To be removed by owner only.

### *Canadian Models*

To remind you of the front airbag hazards, your vehicle has warning labels on the driver's and front passenger's visors. Please read and follow the instructions on these labels.

#### **CAUTION**

TO AVOID SERIOUS INJURY:

- FOR MAXIMUM SAFETY PROTECTION IN ALL TYPES OF CRASHES, YOU MUST ALWAYS WEAR YOUR SAFETY BELT.
- DO NOT INSTALL REARWARD-FACING CHILD SEATS IN ANY FRONT PASSENGER SEAT POSITION.
- DO NOT SIT OR LEAN UNNECESSARILY CLOSE TO THE AIR BAG.
- DO NOT PLACE ANY OBJECTS OVER THE AIR BAG OR BETWEEN THE AIR BAG AND YOURSELF.
- SEE THE OWNER'S MANUAL FOR FURTHER INFORMATION AND EXPLANATIONS.

#### **PRÉCAUTION:**

POUR ÉVITER DES BLESSURES GRAVES:

- POUR PROFITER D'UNE PROTECTION MAXIMALE LORS D'UNE COLLISION BOUCLEZ TOUJOURS VOTRE CEINTURE DE SÉCURITÉ.
- N'INSTALLEZ JAMAIS UN SIÈGE POUR ENFANTS FAISANT FACE À L'ARRIÈRE SUR LE SIÈGE DU PASSAGER AVANT.
- NE VOUS APPUYEZ PAS ET NE VOUS ASSEYEZ PAS PRES DU COUSSIN GONFLABLE.
- NE DEPOSEZ AUCUN OBJET SUR LE COUSSIN GONFLABLE OU ENTRE LE COUSSIN GONFLABLE ET VOUS.
- LISEZ LE GUIDE UTILISATEUR POUR DE PLUS AMPLES RENSEIGNEMENTS.

## If You Must Drive with Several Children

Your vehicle has a back seat where children can be properly restrained. If you ever have to carry a group of children, and a child must ride in front:

- Place the largest child in the front seat, provided the child is large enough to wear the lap/shoulder belt properly (see page [51](#)).
- Move the vehicle seat as far to the rear as possible.
- Have the child sit upright and well back in the seat (see page [16](#)).
- Make sure the seat belt is properly positioned and secured (see page [14](#)).

## If a Child Requires Close Attention

Many parents say they prefer to put an infant or small child in the front passenger seat so they can watch the child, or because the child requires attention.

Placing a child in the front seat exposes the child to hazards in a frontal collision, and paying close attention to a child distracts the driver from the important tasks of driving, placing both of you at risk.

If a child requires physical attention or frequent visual contact, we strongly recommend that another adult ride with the child in the back seat. The back seat is far safer for a child than the front.

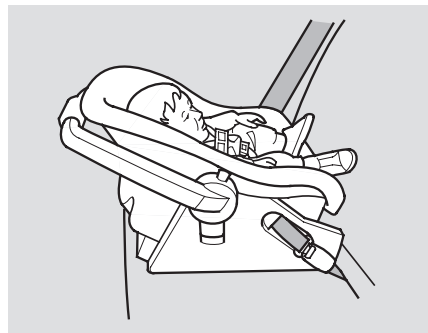
## Additional Safety Precautions

- Never hold an infant or child on your lap. If you are not wearing a seat belt in crash, you could be thrown forward and crush the child against the dashboard or a seat-back. If you are wearing a seat belt the child can be torn from your arms and be seriously hurt or killed.
- Never put a seat belt over yourself and a child. During a crash, the belt could press deep into the child and cause serious or fatal injuries.

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"><li>• Never let two children use the same seat belt. If they do, they could be very seriously injured in a crash.</li><li>• Use childproof door locks to prevent children from opening the doors. This can prevent children from accidentally falling out.</li></ul> | <ul style="list-style-type: none"><li>• Do not leave children alone in a vehicle. Leaving children without adult supervision is illegal in most states and Canadian provinces, and can be very hazardous. For example, infants and small children left in a vehicle on a hot day can die from heatstroke. A child left alone with the key in the ignition can accidentally set the vehicle in motion, possibly injuring themselves or others.</li></ul> | <ul style="list-style-type: none"><li>• Lock all doors and the trunk when your vehicle is not in use. Children who play in vehicles can accidentally get trapped inside. Teach your children not to play in or around vehicles.</li><li>• Keep vehicle keys and remote transmitters out of the reach of children. Even very young children learn how to unlock vehicle doors, turn on the ignition, and open the trunk, which can lead to accidental injury or death.</li></ul> |
|--|---|---|



## Protecting Infants



### *Child Seat Type*

Only a rear-facing child seat provides proper support for a baby's head, neck, and back.

An infant must be properly restrained in a rear-facing, reclining child seat until the child reaches the seat maker's weight or height limit for the seat, and the child is at least one year old.

## **⚠ WARNING**

Placing a rear-facing child seat in the front seat can result in serious injury or death during a collision.

Always place a rear-facing child seat in the back seat, not the front.

Two types of seats may be used: a seat designed exclusively for infants, or a convertible seat used in the rear-facing, reclining mode.

***Do not put a rear-facing child seat in a forward-facing position.*** If placed facing forward, an infant could be very seriously injured during a frontal collision.

### *Child Seat Placement*

A rear-facing child seat should always be installed in a back seat, not in the front. Even with advanced airbags, which can automatically turn the passenger's front airbag off (see page 25), a back seat is the safest place for an infant.

When properly installed, a rear-facing child seat may prevent the driver or a front passenger from moving the seat as far back as recommended, or from locking the seat-back in the desired position.

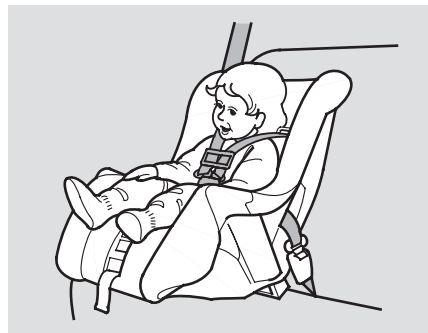
In either of these situations, we strongly recommend that you install the child seat in a different back seating position or get a smaller rear-facing child seat.

When properly installed, a rear-facing child seat may prevent the driver or a front passenger from moving the seat as far back as recommended, or from locking the seat-back in the desired position.

Or, it could push against the front-passenger's seat-back, interfering with the proper operation of the passenger's advanced front airbag (see page [25](#) – [26](#)).

In any of these situations, we strongly recommend that you install the child seat in a different back seating position or get a smaller rear-facing child seat.

## Protecting Small Children



### *Child Seat Type*

A child who is at least one year old, and who fits within the child seat maker's weight and height limits, should be restrained in a forward-facing, upright child seat.

Of the different seats available, we recommend those that have a five-point harness system as shown.

We also recommend that a small child stay in the child seat as long as possible, until the child reaches the weight or height limit for the seat.

### **⚠ WARNING**

Placing a forward-facing child seat in the front seat can result in serious injury or death if the front airbag inflates.

If you must place a forward-facing child seat in front, move the vehicle seat as far back as possible, and properly restrain the child.

### ***Child Seat Placement***

We strongly recommend placing a forward-facing child seat in a back seat, not the front. Even with advanced airbags, which can automatically turn the passenger's front airbag off (see page 31), a back seat is the safest place for a small child.

If it is necessary to put a forward-facing child seat in the front, move the vehicle seat as far to the rear as possible, be sure the child seat is firmly secured to the vehicle, and the child is properly strapped in the seat.

When buying a child seat, you need to choose between a conventional child seat, or one designed for use with the Lower Anchors and Tethers for Children (LATCH) system.

Conventional child seats must be secured to a vehicle with a seat belt, whereas LATCH-compatible seats are secured by attaching the seat to hardware built into the two outer seating positions in the back seat.

Since LATCH-compatible child seats are easier to install and reduce the possibility of improper installation, we recommend selecting this style.

We also recommend selecting a LATCH-compatible seat with a rigid, rather than a flexible, anchor.

In seating positions and vehicles not equipped with LATCH, a LATCH-compatible child seat can be installed using a seat belt.

*CONTINUED*

## Selecting a Child Seat

---

Whatever type of seat you choose, to provide proper protection, a child seat should meet three requirements:

- 1. The child seat should meet U.S. or Canadian Motor Vehicle Safety Standard 213.*** Look for FMVSS 213 or CMVSS 213 on the box.
- 2. The child seat should be of the proper type and size to fit the child.***  
Rear-facing for infants, forward-facing for small children.
- 3. The child seat should fit the vehicle seating position (or positions) where it will be used.***

Before purchasing a conventional child seat, or using a previously purchased one, we recommend that you test the seat in the specific vehicle seating position, or positions, where the seat will be used.

After selecting a proper child seat, and a good place to install the seat, there are three main steps in installing the seat:

**1. Properly secure the child seat to the vehicle.** All child seats must be secured to the vehicle with the lap part of a lap/shoulder belt or with the LATCH (Lower Anchors and Tethers for Children) system. A child whose seat is not properly secured to the vehicle can be endangered in a crash.

**2. Make sure the child seat is firmly secured.** After installing a child seat, push and pull the seat forward and from side to side to verify that it is secure.

A child seat secured with a seat belt should be installed as firmly as possible. However, it does not need to be “rock solid”. Some side-to-side movement can be expected and should not reduce the child seat’s effectiveness.

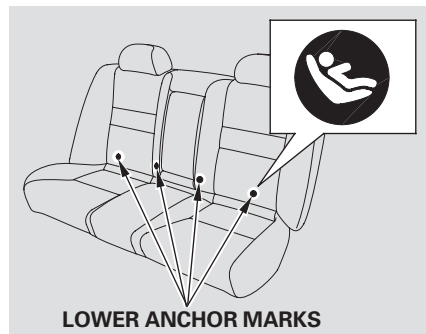
If the child seat is not secure, try installing it in a different seating position, or use a different style of child seat that can be firmly secured.

**3. Secure the child in the child seat.** Make sure the child is properly strapped in the child seat according to the child seat maker’s instructions. A child who is not properly secured in a child seat can be seriously injured in a crash.

The following pages provide guidelines on how to properly install a child seat. A forward-facing child seat is used in all examples, but the instructions are the same for rear-facing child seat.

# Installing a Child Seat

## Installing a Child Seat Using LATCH

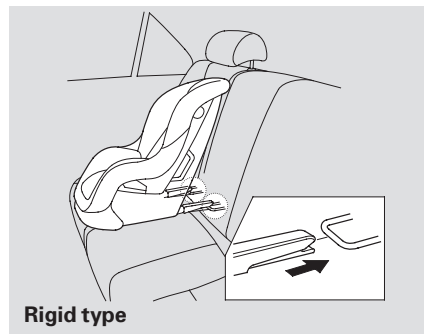


Your vehicle is equipped with LATCH (Lower Anchors and Tethers for Children) at the outer rear seats. The lower anchors are located between the seat-back and seat bottom, and are to be used only with a child seat designed for use with LATCH.

Small marks are positioned to indicate the locations of each anchor point.

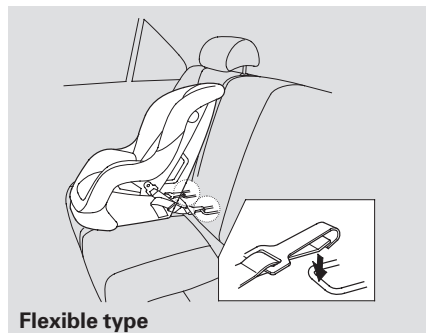
To install a LATCH-compatible child seat:

1. Move the seat belt buckle or tongue away from the lower anchors.
2. Make sure there are no objects near the anchors that could prevent a secure connection between the child seat and anchors.



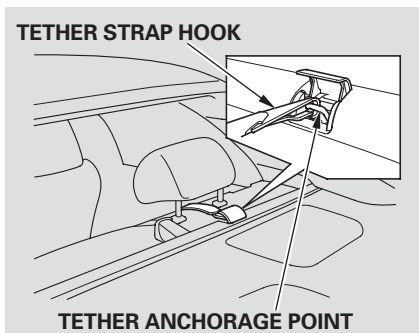
3. Place the child seat on the vehicle seat, and attach the seat to the lower anchors according to the child seat maker's instructions.

Some LATCH-compatible seats have a rigid-type connection as shown above.



Other LATCH-compatible seats have a flexible-type connection as shown above.

4. Whatever type you have, follow the child seat maker's instructions for adjusting or tightening the fit.



5. Route the tether strap through the legs of the head restraint, then hook the strap to the anchorage point as shown.
6. Make sure the strap is not twisted, then tighten the strap according to the child seat maker's instruction.

7. Push and pull the child seat forward and from side-to-side to verify that it is secure.



# Installing a Child Seat

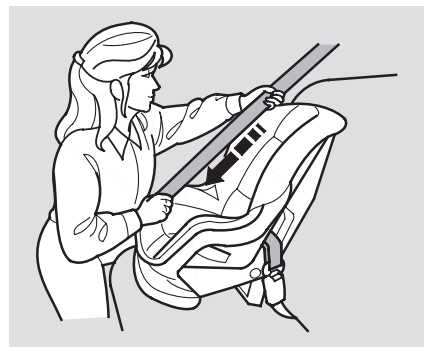
## *Installing a Child Seat with a Lap/Shoulder Belt*

When not using the LATCH system, all child seats must be secured to the vehicle with the lap part of a lap/shoulder belt.

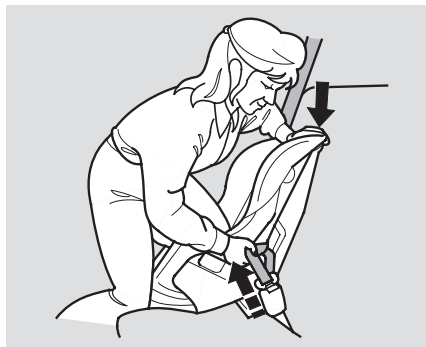
In addition, the lap/shoulder belts in the back seat and the front passenger seat have a locking mechanism that must be activated to secure a child seat.



1. With the child seat in the desired seating position, route the belt through the child seat according to the seat maker's instructions, then insert the latch plate into the buckle.

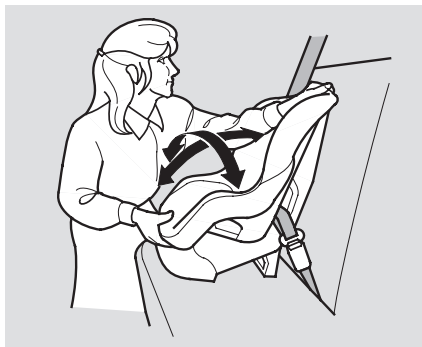


2. To activate the lockable retractor, slowly pull the shoulder part of the belt all the way out until it stops, then let the belt feed back into the retractor.
3. After the belt has retracted, tug on it. If the belt is locked, you will not be able to pull it out. If you can pull the belt out, it is not locked, and you will need to repeat these steps.



4. After confirming that the belt is locked, then grab the shoulder part of the belt near the buckle and pull up to remove any slack from the lap part of the belt. Remember, if the lap part of the belt is not tight, the child seat will not be secure.

To remove slack, it may help to put weight on the child seat, or push on the back of the seat while pulling up on the belt.

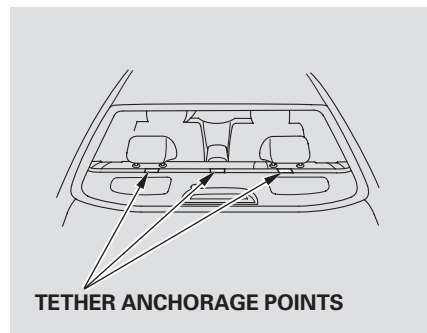


5. Push and pull the child seat forward and from side to side to verify that it is firmly secured. If the child seat is not secure, unlatch the belt, allow it to retract fully, then repeat these steps.

To deactivate the locking mechanism and remove a child seat, unlatch the buckle, unrout the seat belt, and let the belt fully retract.

# Installing a Child Seat

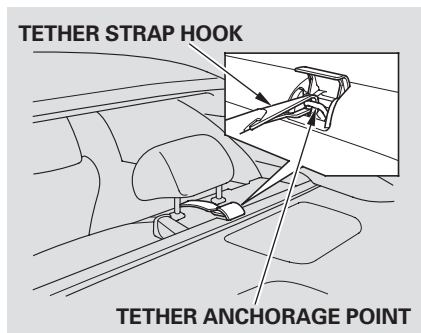
## Installing a Child Seat with a Tether



A child seat with a tether can be installed in any seating position in the back seat, using one of the anchorage points shown above.

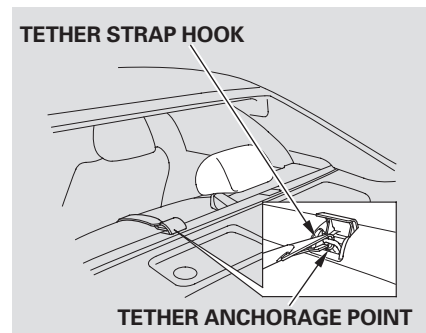
Since a tether can provide additional security, we recommend using a tether whenever one is required or available.

## Using an Outer Anchorage Point



1. After securing the child seat in the desired position (see page 46), lift the head restraint, then route the tether strap over the top of the seat-back and through the head restraint legs.
2. Lift the anchor point lid, then attach the tether strap hook to the anchor, making sure the strap is not twisted.
3. Tighten the strap according to the seat maker's instructions.

## Using the Center Anchorage Point



1. After properly securing the child seat (see page 48), route the tether strap over the top of the seat-back.
2. Attach the tether strap hook to the anchor, making sure the strap is not twisted, then tighten the strap according to the seat-maker's instructions.

When a child reaches the recommended weight or height limit for a forward-facing child seat, the child should sit in a back seat on a booster and wear a lap/shoulder belt.

The following pages give instructions on how to check proper seat belt fit, what kind of booster seat to use if one is needed, and important precautions for a child who must sit in front.

### **⚠ WARNING**

Allowing a child age 12 or under to sit in front can result in injury or death if the passenger's front airbag inflates.

If a larger child must ride in front, move the vehicle seat as far back as possible, use a booster seat if needed, have the child sit up properly and wear the seat belt properly.

### *Checking Seat Belt Fit*



To determine if a lap/shoulder belt properly fits a child, have the child put on the seat belt, then ask yourself:

*CONTINUED*

# Protecting Larger Children

---

1. Does the child sit all the way back against the seat?
2. Do the child's knees bend comfortably over the edge of the seat?
3. Does the shoulder belt cross between the child's neck and arm?

4. Is the lap part of the belt as low as possible, touching the child's thighs?
5. Will the child be able to stay seated like this for the whole trip?

If you answer yes to all these questions, the child is ready to wear the lap/shoulder belt correctly. If you answer no to any question, the child needs to ride on a booster seat.

## *Using a Booster Seat*



A child who has outgrown a forward-facing child seat should ride in a back seat and use a booster seat until the lap/shoulder belt fits them properly without the booster.

Some states also require children to use a booster until they reach a given age or weight (e.g., 6 years or 60 lbs). Be sure to check current laws in the state or states where you intend to drive.

Booster seats can be high-back or low-back. Whichever style you select, make sure the booster meets federal safety standards (see page 44) and that you follow the booster seat maker's instructions.

If a child who uses a booster must ride in front, move the vehicle seat as far to the rear as possible, and be sure the child is wearing the seat belt properly.

A child may continue using a booster seat until the tops of the ears are even with the top of the seat-back. A child of this height should be tall enough to use the lap/shoulder belt without a booster.

### ***When Can a Larger Child Sit in Front***

The National Highway Traffic Safety Administration and Transport Canada recommend that all children ages 12 and under be properly restrained in the back seat.

Even with advanced front airbags, the back seat is the safest place for a child of any age or size.

If the passenger's front airbag inflates in a moderate to severe frontal collision, it can cause serious injuries to a child who is unrestrained, improperly restrained, sitting too close to the airbag, or out of position.

The side airbag also poses risks. If any part of a larger child's body is in the path of a deploying side airbag, the child could receive possibly serious injuries.

*CONTINUED*

# Protecting Larger Children

---

Of course, children vary widely. And while age may be one indicator of when a child can safely ride in the front. There are other important factors you should consider.

## ***Maturity***

To safely ride in front, a child must be able to follow the rules, including sitting properly, and wearing the seat belt properly throughout a ride.

## ***Physical Size***

Physically, a child must be large enough for the lap/shoulder belt to properly fit (see pages [14](#) and [51](#)). If the seat belt does not fit properly, with or without the child sitting on a booster, the child should not sit in the front.

If you decide that a child can safely ride up front, be sure to:

- Carefully read the owner's manual, and make sure you understand all seat belt instructions and all safety information.
- Move the vehicle seat to the rear-most position.
- Have the child sit up straight, back against the seat, and feet on or near the floor.
- Check that the child's seat belt is properly positioned and secured.
- Supervise the child. Even mature children sometimes need to be reminded to fasten the seat belts or sit properly.

### **Additional Safety Precautions**

***Do not let a child wear a seat belt across the neck.*** This could result in serious neck injuries during a crash.

***Do not let a child put the shoulder part of a seat belt behind the back or under the arm.*** This could cause very serious injuries during a crash. It also increases the chance that the child will slide under the belt in a crash and be injured.

***Two children should never use the same seat belt.*** If they do, they could be very seriously injured in a crash.

***Do not put any accessories on a seat belt.*** Devices intended to improve a child's comfort or reposition the shoulder part of a seat belt can make the belt less effective, and increase the chance of serious injury in a crash.



# Carbon Monoxide Hazard

Your vehicle's exhaust contains carbon monoxide gas. You should have no problem with carbon monoxide entering the vehicle in normal driving if you maintain your vehicle properly.

Have the exhaust system inspected for leaks whenever:

- The vehicle is raised for an oil change.
- You notice a change in the sound of the exhaust.
- The vehicle was in an accident that may have damaged the underside.

## **WARNING**


Carbon monoxide gas is toxic. Breathing it can cause unconsciousness and even kill you.

Avoid any enclosed areas or activities that expose you to carbon monoxide.

High levels of carbon monoxide can collect rapidly in enclosed areas, such as a garage. Do not run the engine with the garage door closed. Even with the door open, run the engine only long enough to move the vehicle out of the garage.

With the trunk lid open, air flow can pull exhaust gas into your vehicle's interior and create a hazardous condition. If you must drive with the trunk lid open, open all the windows, and set the heating and cooling system as shown below.

If you must sit in your parked vehicle, even in an unconfined area, with the engine running, adjust the heating and cooling system as follows:

1. Select the Fresh Air mode.
2. Select the  mode.
3. Turn the fan on high speed.
4. Set the temperature control to a comfortable setting.

These labels are in the locations shown. They warn you of potential hazards that could cause serious injury. Read these labels carefully. If a label comes off or becomes hard to read, contact your Honda dealer for a replacement.

## HOOD

*U.S. models*



*Canadian models*



## DASHBOARD

*U.S. models only*

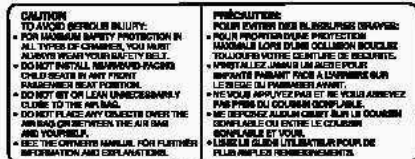


## SUN VISOR

*U.S. models*



*Canadian models*



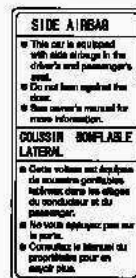
## DOORJAMBS

*On cars with side airbags*

*U.S. models*



*Canadian models*



*On cars with side curtain airbags*

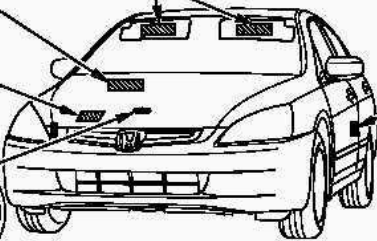
*U.S. models*



*Canadian models*



## RADIATOR CAP



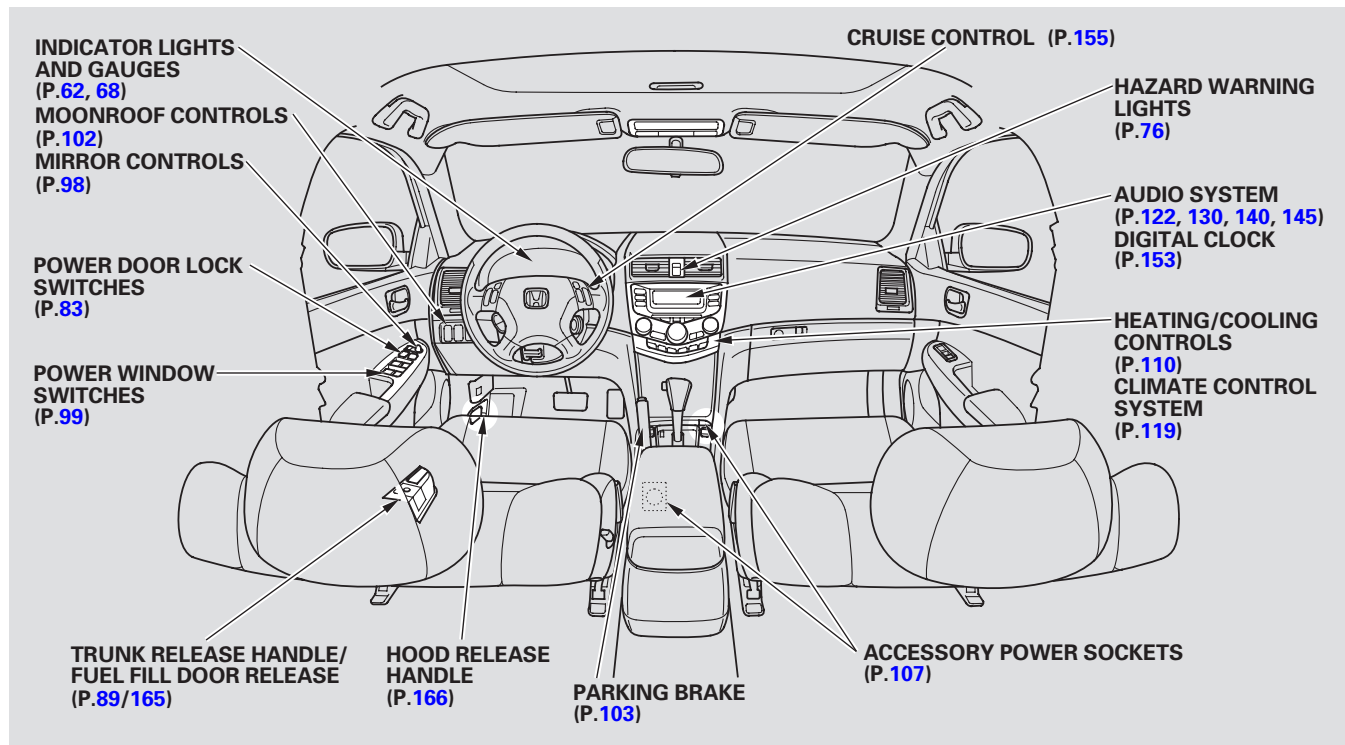
This section gives information about the controls and displays that contribute to the daily operation of your Honda. All the essential controls are within easy reach.

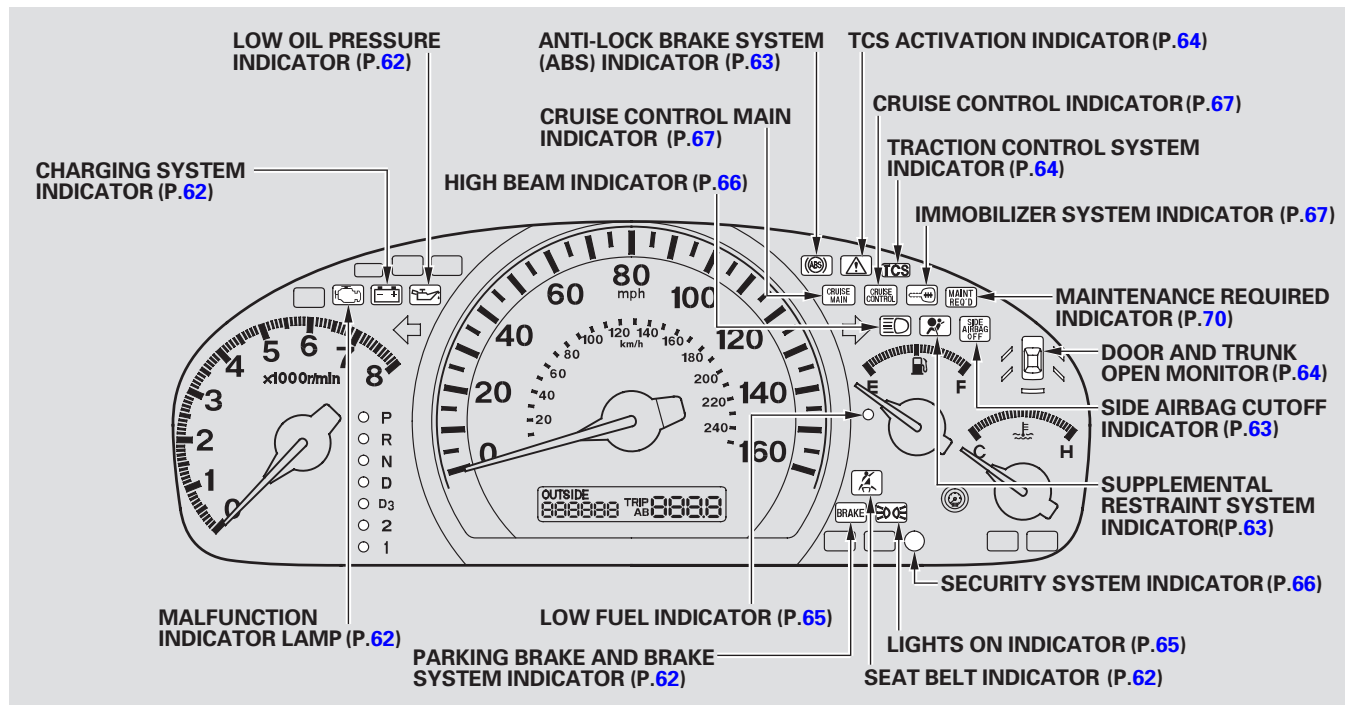
|                               |    |
|-------------------------------|----|
| Control Locations .....       | 60 |
| Instrument Panel .....        | 61 |
| Instrument Panel Lights ..... | 62 |
| Gauges .....                  | 68 |
| Odometer/Outside              |    |
| Temperature Indicator .....   | 68 |
| Odometer .....                | 68 |
| Trip Meter .....              | 69 |

|   |    |
|---|----|
| Temperature Gauge .....                 | 69 |
| Fuel Gauge .....                        | 70 |
| Maintenance Required Indicator .....    | 70 |
| Controls Near the Steering              |    |
| Wheel .....                             | 72 |
| Wipers and Washers .....                | 73 |
| Turn Signal and Headlights .....        | 74 |
| Automatic Lighting Off Feature .....    | 75 |
| Daytime Running Lights .....            | 76 |
| Instrument Panel Brightness .....       | 76 |
| Hazard Warning .....                    | 76 |
| Rear Window Defogger .....              | 77 |
| Steering Wheel Adjustment .....         | 78 |
| Keys and Locks .....                    | 79 |
| Keys .....                              | 79 |
| Immobilizer System .....                | 81 |
| Ignition Switch .....                   | 82 |
| Door Locks .....                        | 83 |
| Setting the Childproof Door Locks ..... | 85 |
| Remote Transmitter .....                | 85 |
| Trunk .....                             | 89 |
| Emergency Trunk Opener .....            | 90 |
| Seat Heaters .....                      | 91 |

|  |     |
|--|-----|
| Seat .....                                   | 92  |
| Power Seat Adjustments .....                 | 92  |
| Driver's Lumbar Support .....                | 92  |
| Front Seat Adjustments .....                 | 93  |
| Driver's Seat Manual Height Adjustment ..... | 94  |
| Driver's Seat Power Height Adjustment .....  | 94  |
| Head Restraints .....                        | 94  |
| Folding Rear Seat .....                      | 95  |
| Mirrors .....                                | 98  |
| Adjusting the Power Mirrors .....            | 98  |
| Power Windows .....                          | 99  |
| Power Window Control Operations .....        | 101 |
| Moonroof .....                               | 102 |
| Parking Brake .....                          | 103 |
| Sun Visor .....                              | 104 |
| Vanity Mirror .....                          | 104 |
| Interior Lights .....                        | 105 |
| Interior Convenience Item .....              | 106 |
| Beverage Holders .....                       | 107 |
| Accessory Power Sockets .....                | 107 |
| Console Compartment .....                    | 107 |
| Sunglasses Holder .....                      | 108 |
| Glove Box .....                              | 108 |

# Control Locations





The U.S. instrument panel is shown. Differences for the Canadian models are noted in the text.

# Instrument Panel Lights

The instrument panel has many indicators to give you important information about your vehicle.



## Seat Belt Reminder Light

If you turn the ignition switch to ON (II) without fastening your seat belt, the beeper starts to sound, and the indicator starts to blink. The beeper stops sounding several seconds later but the indicator will remain lit.

If you drive without your seat belt fastened, the indicator remains on and the beeper will sound every few seconds.



## Low Oil Pressure Indicator

The engine can be severely damaged if this indicator flashes or stays on when the engine is running. For complete information, see page [259](#).



## Charging System Indicator

If this indicator comes on when the engine is running, the battery is not being charged. For more information, see page [260](#).



## Malfunction Indicator Lamp

See page [260](#).

U.S.

**BRAKE**

Canada



## Parking Brake and Brake System Indicator

This indicator has two functions:

1. It comes on when you turn the ignition switch to ON (II). It is a reminder to check the parking brake. If you drive at certain speeds without fully releasing the parking brake, the beeper sounds continuously. Driving with the parking brake not fully released can damage the brakes and tires.
2. If it remains lit after you fully release the parking brake while the engine is running, or if it comes on while driving, there could be a problem with the brake system. For complete information, see page [262](#).



### Supplemental Restraint System Indicator

This indicator lights briefly when you turn the ignition switch to ON (II). If it comes on at any other time, it indicates a potential problem with your front airbags. This indicator will also alert you to a potential problem with your side airbags, passenger's side airbag automatic cutoff system, side curtain airbags, automatic seat belt tensioners, driver's seat position sensor, or front passenger's weight sensors. For more information, see page [28](#).



### Side Airbag Off Indicator

*Only on models equipped with side airbags*

This indicator lights when you turn the ignition switch to ON (II). If it comes on at any other time, it indicates that the passenger's side airbag has automatically shut off. For complete information, see page [29](#).



### TCS Activation Indicator

*On all V6 models*

### Anti-lock Brake System (ABS) Indicator

This indicator normally comes on for a few seconds when you turn the ignition switch to ON (II), and when the ignition switch is turned to START (III). If it comes on at any other time, there is a problem in the ABS. If this happens, have your vehicle checked by your Honda dealer. With the indicator on, your vehicle still has normal braking ability but no anti-lock. For complete information, see page [190](#).



## TCS Activation Indicator

*On all V6 models*

This indicator has three functions:

1. It comes on as a reminder that you have turned off the Traction Control System.
2. It flashes when the TCS is regulating wheelspin.
3. If it comes on and stays on when the Traction Control System is on, it indicates that there is a problem in the TCS.

This indicator normally also comes on for a few seconds when you turn the ignition switch to ON (II). If it comes on and stays on at any other time, or it does not come on when you turn the ignition switch to ON (II), there is a problem with the TCS. Take the vehicle to your dealer to have it checked. See page [191](#) for more information on the TCS.

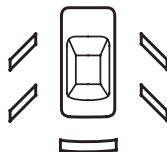


## Traction Control System (TCS) Indicator

*On all V6 models*

This indicator normally comes on for a few seconds when you turn the ignition switch to ON (II). If it comes on and stays on when the Traction Control System (TCS) is on, there is a problem with the TCS. For more information on the TCS, see page [191](#).

## Door and Trunk Open Monitor



The appropriate indicator comes on in this display if the trunk or either door is not closed tightly.

All the indicators in the monitor display come on for a few seconds when you turn the ignition switch to ON (II).







## Turn Signal and Hazard Warning Indicators

The left or right turn signal indicator blinks when you signal a lane change or turn. If the indicators do not blink, or if they blink rapidly, it usually means one of the turn signal bulbs is burned out (see pages [231](#) and [233](#)). Replace the bulb as soon as possible, since other drivers cannot see that you are signaling.

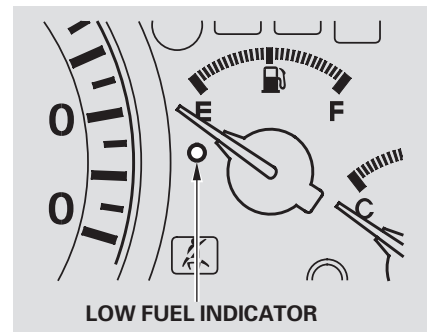
When you turn on the Hazard Warning button, both turn signal indicators blink. All turn signals on the outside of the vehicle should flash.



## Lights On Indicator

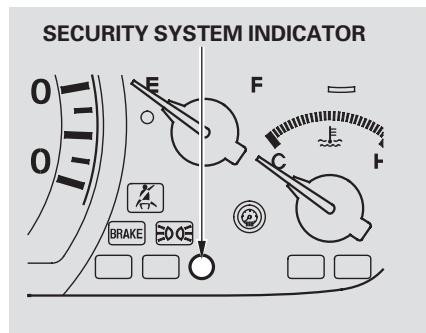
This indicator reminds you that the exterior lights are on. It comes on when the light switch is in either the  or  position. If you turn the ignition switch to ACCESSORY (I) or LOCK (0) without turning off the light switch, this indicator will remain on. A reminder chime will also sound when you open the driver's door.

## Low Fuel Indicator



This indicator comes on as a reminder that you must refuel soon.

## Security System Indicator



This indicator comes on when the security system is set. See page [154](#) for more information on the security system.

## DRL

## “Daytime Running Lights” Indicator

*Canadian models only*

This indicator comes on when you turn the ignition switch to ON (II) with the headlight switch off and the parking brake set. It should go off if you turn on the headlights or release the parking brake. If it comes on at any other time, it means there is a problem with the DRL. There may also be a problem with the high beam headlights.



## High Beam Indicator

This indicator comes on with the high beam headlights. See page [75](#) for information on the headlight controls.

On Canadian models, this indicator comes on with reduced brightness when the Daytime Running Lights (DRL) are on (see page [76](#)).



## Cruise Control Main Indicator

*Only on models equipped with Cruise Control System*

This indicator comes on when you turn on the Cruise Control Master Button. (see page [155](#).)



## Cruise Control Indicator

*Only on models equipped with Cruise Control System*

This indicator comes on when you set the cruise control. See page [155](#) for information on operating the cruise control.



## Immobilizer System Indicator

This indicator comes on for a few seconds when you turn the ignition switch to ON (II). It will go off if you have inserted a properly-coded ignition key. If it is not a properly-coded key, the indicator will blink and the engine will not start (see page [81](#) ).

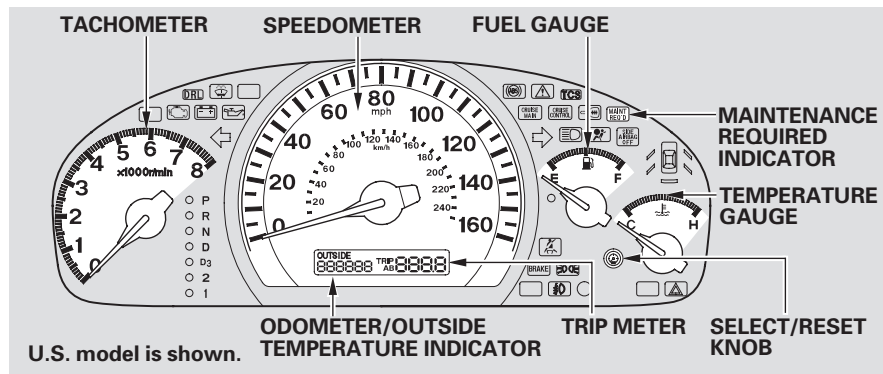
This indicator also blinks several times when you turn the ignition switch from ON (II) to ACCESSORY (I) or LOCK (0).



## Washer Level Indicator

*Canadian models only*

This indicator comes on when the washer fluid level is low. Add washer fluid when you see this indicator come on (see page [218](#) ).



## Odometer/Outside Temperature Indicator

The odometer and the outside temperature indicator use the same display. To switch the display between the odometer and the outside temperature, press the Select/Reset knob. When you turn the ignition switch to ON (II), what you last selected is displayed.

## Odometer

The odometer shows the total distance your vehicle has been driven. It measures miles in U.S. models and kilometers in Canadian models. It is illegal under U.S. federal law and Canadian provincial regulations to disconnect, reset, or alter the odometer with the intent to change the number of miles or kilometers indicated.

## Outside Temperature Indicator

*On 4-cylinder EX models with leather interior and all 6-cylinder EX models*  
This indicator displays the outside temperature in Fahrenheit (U.S. models) or Centigrade (Canadian models). To see the outside temperature, press and release the Select/Reset knob until the temperature is displayed.

The temperature sensor is in the front bumper. Therefore, the temperature reading can be affected by heat reflection from the road surface, engine heat, and the exhaust from surrounding traffic. This can cause an incorrect temperature reading when your speed is under 19 mph (30 km/h). When you start your trip, the sensor is not fully acclimatized, therefore it may take several minutes until the proper temperature is displayed.

If the outside temperature is incorrectly displayed, you can adjust it up to  $\pm 5^{\circ}\text{F}$  ( $\pm 3^{\circ}\text{C}$ ) warmer or cooler.

**NOTE:** The temperature must be stabilized before doing this procedure.

Select the outside temperature display, then press the Select/Reset knob for ten seconds. The following sequence will appear for one second each: 0, 1, 2, 3, 4, 5,  $-5$ ,  $-4$ ,  $-3$ ,  $-2$ ,  $-1$ , 0, 1 (0, 1, 2, 3,  $-3$ ,  $-2$ ,  $-1$ , 0, 1).

When it reaches the desired value, release the Select/Reset knob. You should see the new outside temperature displayed.

In certain weather conditions, temperature readings near freezing ( $32^{\circ}\text{F}$ ,  $0^{\circ}\text{C}$ ) could mean that ice is forming on the road surface.

### **Trip Meter**

This meter shows the number of miles (U.S.) or kilometers (Canada) driven since you last reset it.

There are two trip meters: Trip A and Trip B. Switch between these displays and the odometer/outside temperature display by pressing the Select/Reset knob repeatedly. Each trip meter works independently, so you can keep track of two different distances.

When you turn the ignition switch to ON (II), what you last selected is displayed.

To reset a trip meter, display it and then press and hold the Select/Reset knob until the number resets to “0.0”. Both trip meters will reset if the vehicle’s battery goes dead or is disconnected.

### **Temperature Gauge**

This shows the temperature of the engine’s coolant. During normal operation, the pointer should rise from the bottom white mark to about the middle of the gauge. In severe driving conditions, such as very hot weather or a long period of uphill driving, the pointer may rise into the upper half of the gauge. If it reaches the red (Hot) mark, pull safely to the side of the road. Turn to page [257](#) for instructions and precautions on checking the engine’s cooling system.

# Gauges

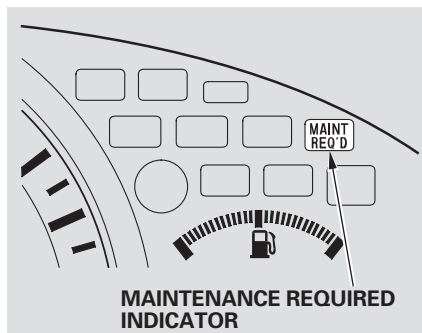
## Fuel Gauge

This shows how much fuel you have. It may show slightly more or less than the actual amount. The needle returns to the bottom after you turn off the ignition.

### NOTICE

*Avoid driving with an extremely low fuel level. Running out of fuel could cause the engine to misfire, damaging the catalytic converter.*

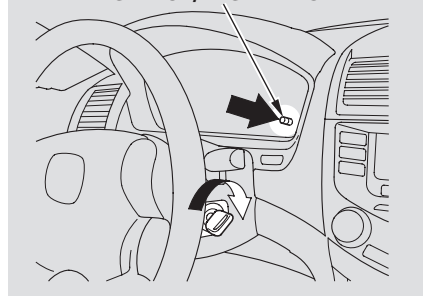
## Maintenance Required Indicator



This indicator reminds you that it is time to take your vehicle in for the vehicle's scheduled maintenance under normal driving conditions. The indicator does not reflect severe maintenance intervals.

Refer to the Maintenance Schedule for Normal and Severe Driving Conditions on page [204](#) (4-cylinder models) or page [206](#) (6-cylinder models).

### SELECT/RESET KNOB



*4-cylinder models*  
For the first 8,000 miles (12,800 km) after the Maintenance Required Indicator is reset, it will come on for two seconds when you turn the ignition switch to ON (II).

*CONTINUED*

*Except 6-cylinder models*

Between 8,000 miles (12,800 km) and 10,000 miles (16,000 km), this indicator will light for two seconds when you first turn the ignition switch to ON (II), and then flash for ten seconds.

If you exceed 10,000 miles (16,000 km) without having the scheduled maintenance performed, this indicator will remain on as a constant reminder.

*6-cylinder models*

For the first 6,000 miles (9,600 km) after the Maintenance Required Indicator is reset, it will come on for two seconds when you turn the ignition switch to ON (II).

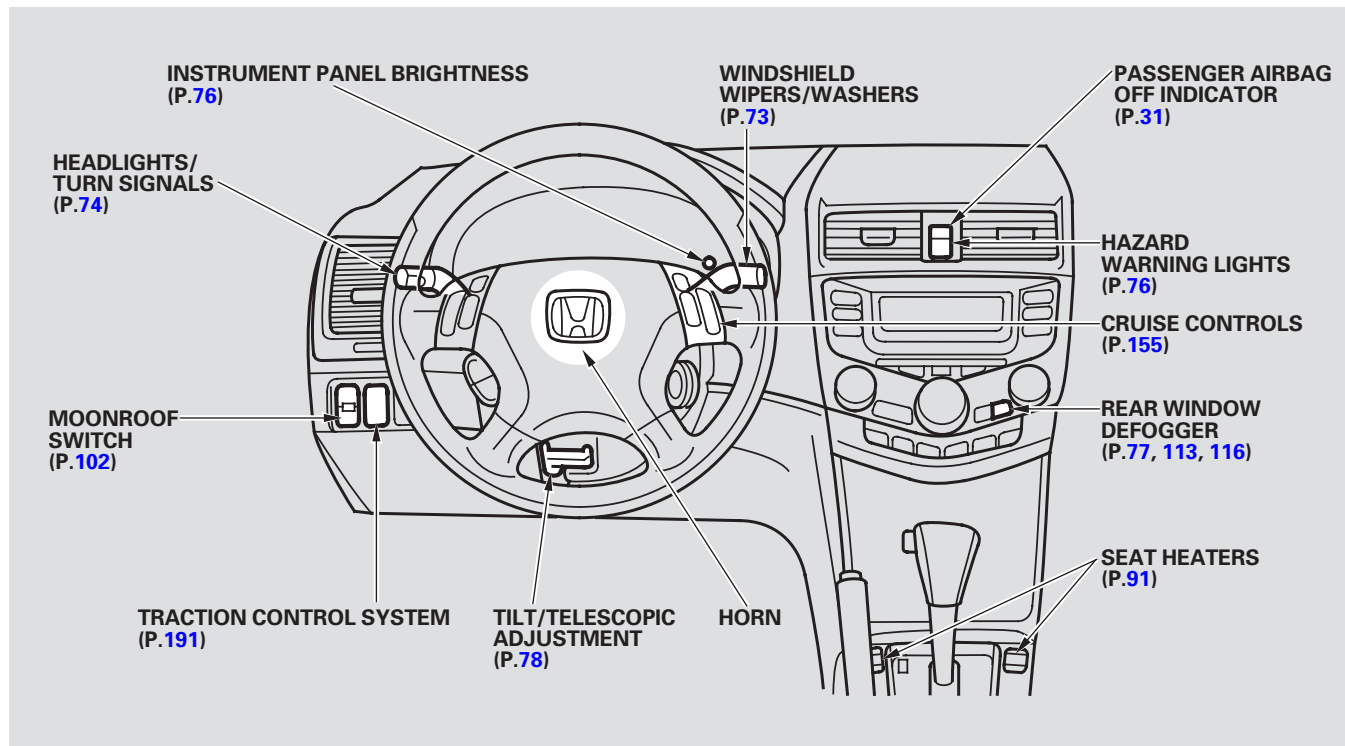
Between 6,000 miles (9,600 km) and 7,500 miles (12,000 km) this indicator will light for two seconds when you first turn the ignition switch to ON (II), and then flash for ten seconds.

If you exceed 7,500 miles (12,000 km) without having the scheduled maintenance performed, this indicator will remain on as a constant reminder.

Your dealer will reset this indicator after completing the scheduled maintenance. If this maintenance is done by someone other than your Honda dealer, reset the indicator as follows.

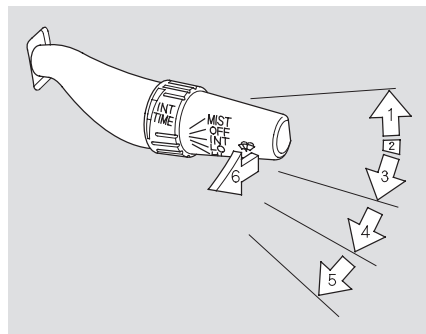
1. Turn off the engine.
2. Press and hold the Select/Reset knob in the instrument panel, then turn the ignition switch to ON (II).
3. Hold the knob for approximately ten seconds until the indicator resets.

# Controls Near the Steering Wheel





## Windshield Wiper



1. MIST
2. OFF
3. INT — Intermittent
4. LO — Low
5. HI — High
6. Windshield Washers

Push the right lever up or down to select a position.

**MIST** — The wipers run at high speed until you release the lever.

**OFF** — The wipers are not activated.

**INT** — The length of the wiper interval is varied automatically according to the vehicle's speed.

Vary the delay by turning the INT TIME ring. If you turn it to the shortest delay, the wipers will change to low speed operation when the vehicle speed exceeds 12 mph (20 km/h).

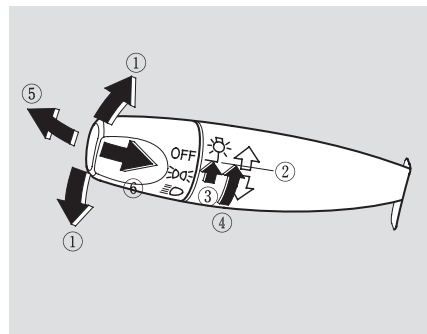
**LO** — The wipers run at low speed.

**HI** — The wipers run at high speed.

**Windshield Washer** — Pull the wiper control lever toward you and hold it. The washers spray until you release the lever. The wipers run at low speed, then complete one more sweep after you release the lever.


# Turn Signal, Headlights

## Turn Signal and Headlights



1. Turn Signal
2. Off
3. Parking and interior lights
4. Headlight on
5. High beams
6. Flash high beams

**Turn Signal** — Push down on the left lever to signal a left turn and up to signal a right turn. To signal a lane change, push lightly on the lever in the proper direction and hold it. The lever will return to center when you release it or complete a turn.

**Headlights ON** — Rotating the switch on the left lever to the “ ” position turns on the parking lights, taillights, instrument panel lights, side-marker lights, and rear license plate lights. Turning the switch to the “ ” position turns on the headlights. If you leave the lights on with the ignition switch in ACCESSORY (I) or LOCK (0), you will hear a reminder chime when you open the driver’s door.



When the light switch is in either of these positions, the Lights On indicator comes on as a reminder.

**High Beams** — To turn on, push the lever forward until you hear a click. The blue high beam indicator will light (see page 66). Pull it back to return to low beams. To flash the high beams, pull the lever back lightly, then release it. The high beams will stay on as long as you hold the lever back.

### Automatic Lighting Off Feature

*On all U.S. and Canadian models except DX*

This feature turns off the headlights, parking lights, taillights, and license plate light within 15 seconds of removing the key from the ignition switch and closing the driver's door.

This feature activates if you leave the headlight switch in the “ ” or “ ” position, remove the key, then open and close the driver's door.

If you remove the key from the ignition switch with the headlight switch on, but do not open the door and get out, the lights will turn off after 10 minutes.

The lights will turn on again when you unlock or open the driver's door. If you unlock the door, but do not open it within 15 seconds, the lights will go off. With the driver's door open, you will hear a lights-on reminder chime.

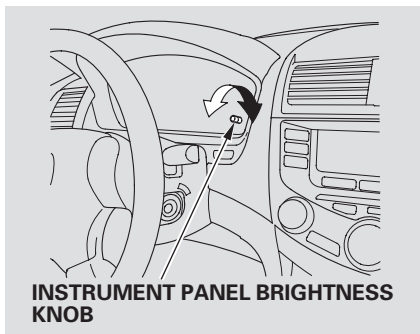
# Daytime Running Lights, Instrument Panel Brightness, Hazard Warning

## Daytime Running Lights (Canadian Models)

With the headlight switch off, the high beam headlights and the high beam indicator come on with reduced brightness when you turn the ignition switch to ON (II) and release the parking brake. They remain on until you turn the ignition off, even if you set the parking brake.

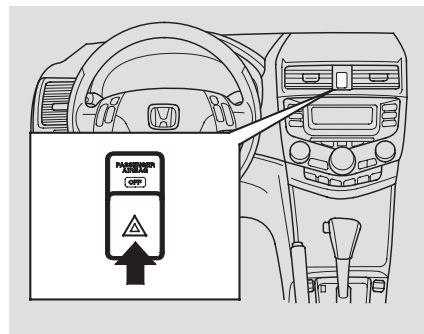
The headlights revert to normal operation when you turn them on with the switch.

## Instrument Panel Brightness

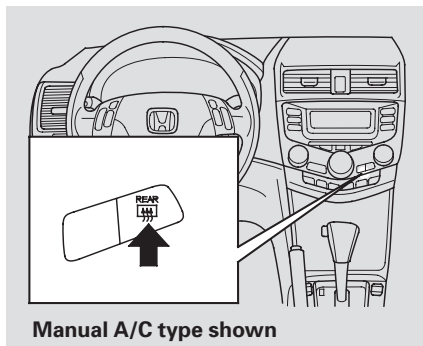


The knob on the instrument panel controls the brightness of the instrument panel lights. Turn the knob to adjust the brightness.

## Hazard Warning



Push the button between the center vents to turn on the hazard warning lights (four-way flashers). This causes all four outside turn signals and both turn indicators in the instrument panel to flash. Use the hazard warning lights if you need to park in a dangerous area near heavy traffic, or if your vehicle is disabled.



The rear window defogger will clear fog, frost, and thin ice from the window. Push the defogger button to turn it on and off. The indicator above the button lights to show the defogger is on. It also shuts off when you turn off the ignition. You have to turn it on again when you restart the vehicle.

Make sure the rear window is clear and you have good visibility before starting to drive.

The defogger and antenna wires on the inside of the rear window can be accidentally damaged. When cleaning the glass, always wipe side to side.

# Steering Wheel Adjustment

See page 16 for important safety information about how to properly position the steering wheel.

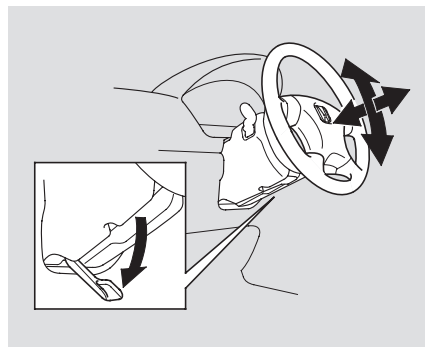
Make any steering wheel adjustment before you start driving.

## WARNING

Adjusting the steering wheel position while driving may cause you to lose control of the vehicle and be seriously injured in a crash.

Adjust the steering wheel only when the vehicle is stopped.

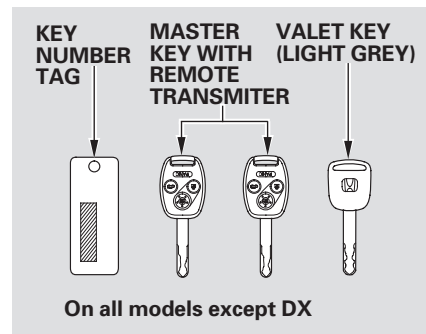
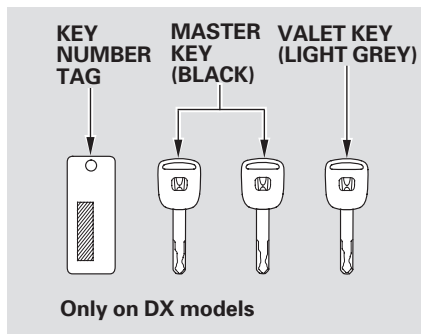
1. Insert the key in the ignition switch, and unlock the steering column.
2. Push the lever under the steering column all the way down.



3. Move the steering wheel up or down, and in or out to the desired position, making sure the wheel points toward your chest, not toward your face. Make sure you can see the instrument panel gauges and the indicator lights.

4. Push the lever up to lock the steering wheel in that position.
5. Make sure you have securely locked the steering wheel in place by trying to move it up, down, in, and out.

## Keys and Locks



## Keys and Locks

---

The master key fits all the locks on your vehicle. The valet key works only in the ignition and the door lock. You can keep the trunk release handle, rear seat trunk access, and glove box locked when you leave your vehicle and the valet key at a parking facility.

You should have received a key number tag with your keys. You will need this key number if you ever have to get a lost key replaced. Use only Honda-approved key blanks.

These keys contain electronic circuits that are activated by the Immobilizer System. They will not work to start the engine if the circuits are damaged.

- Protect the keys from direct sunlight, high temperature, and high humidity.

- Do not drop the keys or set heavy objects on them.
- Keep the keys away from liquids. If they get wet, dry them immediately with a soft cloth.

The DX model keys do not contain batteries. Do not try to take them apart.



The Immobilizer System protects your vehicle from theft. If an improperly-coded key (or other device) is used, the engine's fuel system is disabled.

When you turn the ignition switch to ON (II), the Immobilizer System indicator should come on for a few seconds, then go out. If the indicator starts to blink, it means the system does not recognize the coding of the key. Turn the ignition switch to LOCK (0), remove the key, reinsert it, and turn the switch to ON (II) again.

The system may not recognize your key's coding if another immobilizer key or other metal object (i.e. key fob) is near the ignition switch when you insert the key.

If the system repeatedly does not recognize the coding of your key, contact your Honda dealer.

Do not attempt to alter this system or add other devices to it. Electrical problems could result that may make your vehicle undriveable.

If you have lost your key and you cannot start the engine, contact a Honda dealer.

*As required by the FCC:*

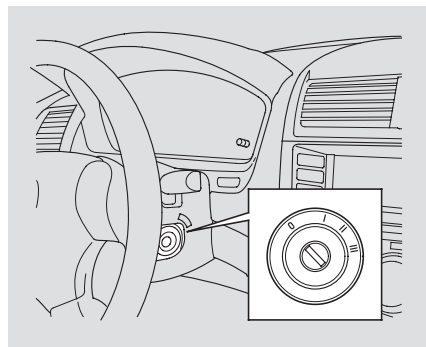
*This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

*Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

*This device complies with Industry Canada Standard RSS-210.*

*Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.*

# Ignition Switch



The ignition switch has four positions: LOCK (0), ACCESSORY (I), ON (II), START (III)

**LOCK (0)** — You can insert or remove the key only in this position. To turn the key, the shift lever must be in Park, and you must push the key in slightly. If the front wheels are turned, the anti-theft lock may make it difficult to turn the key. Firmly turn the steering wheel to the left or to the right as you turn the key.

## **WARNING**

Removing the key from the ignition switch while driving locks the steering. This can cause you to lose control.

Remove the key from the ignition switch only when parked.

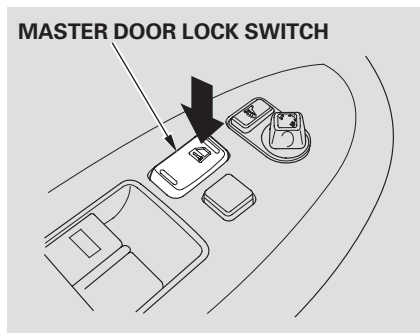
**ACCESSORY (I)** — You can operate the audio system and the accessory power sockets in this position.

**ON (II)** — This is the normal key position when driving. Several of the lights on the instrument panel come on as a test when you turn the ignition switch from ACCESSORY (I) to ON (II).

**START (III)** — Use this position only to start the engine. The switch returns to ON (II) when you let go of the key.

You will hear a reminder beeper if you leave the key in the ignition switch in the LOCK (0) or ACCESSORY (I) position and open the driver's door. Remove the key to turn off the beeper. The shift lever must be in Park before you can remove the key from the ignition switch.

### Door Locks



#### *U.S. DX*

To lock the driver's door, pull and hold either the inside or outside door handle, then push the lock tab down. Release the handle, then close the door.

On all models except DX, you can open or close the windows by using the key in the driver's door (see [page 101](#)).

#### *On all models except U.S. DX*

Each front door has a master door lock switch. Either switch locks and unlocks all doors. Push the top of the switch to lock all doors; push the bottom to unlock them.

To lock any passenger's door when getting out of the vehicle, push the lock tab in and close the door.

## Door Locks

---

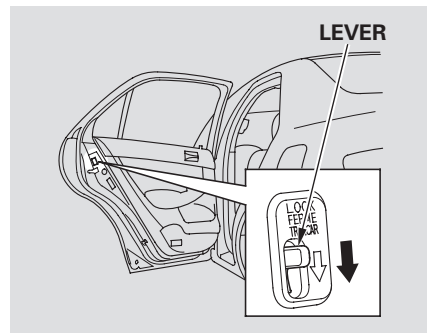
On Canadian DX models, all doors can be locked from the outside by using the key in either front door. To unlock only the driver's door from the outside, insert the key in the driver's door lock, turn the key and release it. If you turn the key again, all doors will unlock. All four doors will unlock when you unlock the passenger's door with the key.

On LX and EX models, all doors can be locked from the outside by using the key in the driver's door. To unlock just the driver's door, turn the key and release it. If you turn the key again, all doors will unlock.

### ***Lockout Prevention***

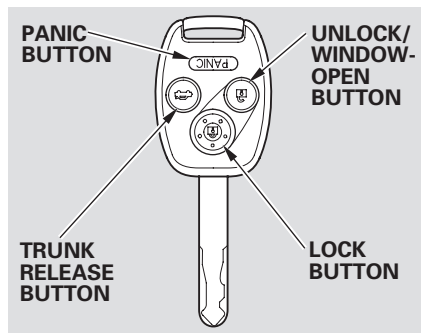
With the driver's door open and the key in the ignition, both door lock switches are disabled. They are not disabled if the driver's door is closed. Pushing the switch down on the open passenger's door will lock all doors.

## Setting the Childproof Door Locks



The childproof door locks are designed to prevent children seated in the rear from accidentally opening the rear doors. Each rear door has a lock lever near the edge. With the lever in the LOCK position, the door cannot be opened from the inside regardless of the position of the lock tab. To open the door, pull the lock tab up and use the outside door handle.

## Remote Transmitter



*On all models except U.S. DX*

**LOCK** — Press this button once to lock all doors. Some exterior and interior lights will flash. You cannot lock it if any door is not fully closed or key is in the ignition switch.

*On the EX model*

When you push LOCK twice within 5 seconds, you will hear a beep to verify that the security system has set.

You can open and close all power windows from outside the vehicle with the key. With the remote transmitter, you can open the windows. Refer to Power Windows on page 99 .

**UNLOCK** — Press this button once to unlock the driver's door. Push it twice to unlock the other doors.

The ceiling light (if the ceiling light switch is in the center position) will come on when you press the UNLOCK button. If you do not open any door, the light stays on for about 30 seconds, then fades out. If you relock the doors with the remote transmitter before 30 seconds have elapsed, the light will go off immediately.

## Remote Transmitter

---

You cannot lock the doors with the remote transmitter if any door is not fully closed or the key is in the ignition switch.

*On all models except U.S. and Canada DX*

If you unlock the doors with the remote transmitter, but do not open any of the doors within 30 seconds, the doors automatically relock. On the EX model, the security system will also set.

To open the trunk, push the Trunk Release button for approximately one second.

The trunk will not open if the key is in the ignition switch.

*On all models except U.S. and Canada DX*

**PANIC** — Press this button for about one second to attract attention; the horn will sound and the exterior lights will flash for about 30 seconds. To cancel panic mode, press any other button on the remote transmitter or turn the ignition switch to ON (II).

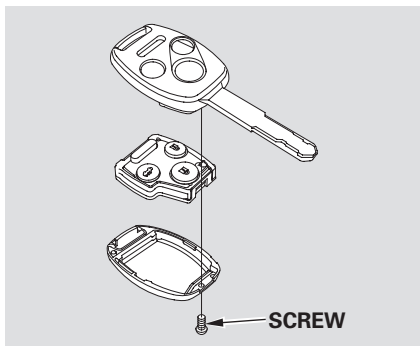
### ***Remote Transmitter Care***

- Avoid dropping or throwing the transmitter.
- Protect the transmitter from extreme temperature.
- Do not immerse the transmitter in any liquid.
- If you lose a transmitter, the replacement needs to be reprogrammed by a Honda dealer.

## ***Replacing the Transmitter Battery***

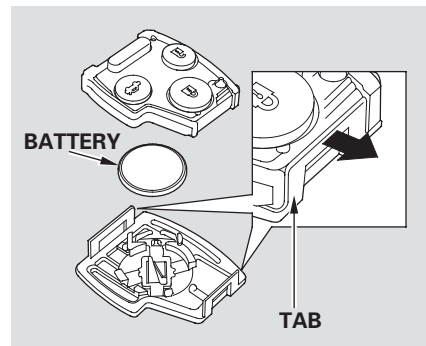
If it takes several pushes on the button to lock or unlock the doors, replace the battery as soon as possible.

Battery type: CR1616



To replace the battery:

1. Remove the screw at the base of the transmitter with a small Phillips-head screwdriver.
2. Separate the transmitter by prying its middle seam with your fingernail.



3. Inside the transmitter, separate the inner cover from the keypad by releasing the two tabs on the cover.
4. Remove the old battery from the back of the inner cover, and note the polarity. Make sure the polarity of the new battery is the same (+ side facing down), then insert it into the back of the cover.
5. Install the parts in reverse order.

# Remote Transmitter

---

*As required by the FCC:*

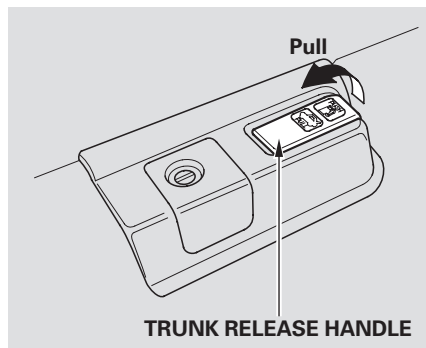
*This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

*Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

*This device complies with Industry Canada Standard RSS-210.*

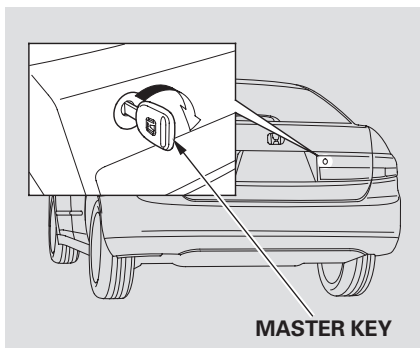
*Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.*





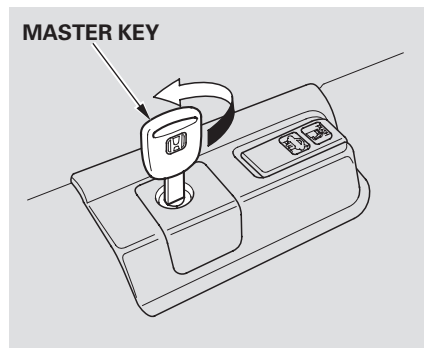
You can open the trunk in three ways:

- Pull the trunk release handle to the left of the driver's seat.
- Use the master key to open the trunk lock. The valet key does not work in this lock.
- Press and hold the trunk release button on the remote transmitter. (all models except U.S. DX)



To close the trunk, press down on the trunk lid.

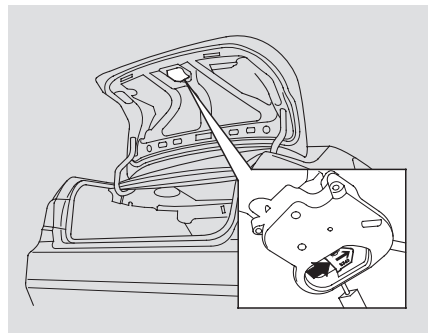
See page [174](#) for cargo loading and weight limit information. Keep the trunk lid closed at all times while driving to avoid damaging the lid, and to prevent exhaust gas from getting into the interior. See **Carbon Monoxide Hazard** on page [56](#).



To protect items in the trunk when you need to give the key to someone else:

1. Lock the trunk release handle with the master key. Also make sure the trunk pass-through cover is locked (see page [97](#) ).
2. Give the person the valet key.

## Emergency Trunk Opener

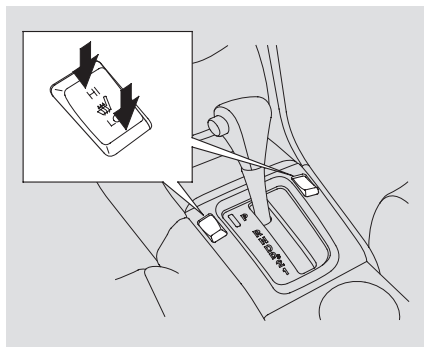


As a safety feature, your vehicle has a release lever on the trunk latch so the trunk can be opened from the inside.

To open the trunk, push the release lever to the left.

Parents should decide if their children should be shown how to use this feature.

For more information about child safety, see page [18](#).



*On EX-V6 models and EX models with leather interior*

Both front seats are equipped with seat heaters. The ignition switch must be in the ON (II) position to use them. The seat heater switch is located on each front door. Push the front of the switch, HI, to rapidly heat up the seat.

After the seat reaches a comfortable temperature, select LO by pushing the back of the switch. This will keep the seat warm.

In HI, the heater turns off when the seat gets warm, and turns back on after the seat's temperature drops.

In LO, the heater runs continuously. It does not cycle with temperature changes.

Follow these precautions whenever you use the seat heaters:

- Use the HI setting only to heat the seats quickly, because it draws large amounts of current from the battery.
- If the engine is left idling for an extended period, do not use the seat heaters even on the LO setting. It can weaken the battery, causing hard starting.

## Power Seat Adjustment

*On all V6 models, and the 4-cylinder EX model with leather interior*

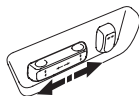
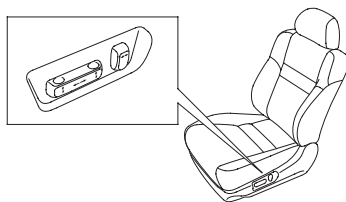
*See pages 12 – 13 for important safety information and warnings about how to properly position seats and seat-backs.*

The controls for the adjustable driver's power seat are on the outside edge of the seat bottom. You can adjust the power seat with the ignition switch in any position. Make all seat adjustments before you start driving.

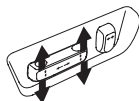
Moving the long horizontal switch adjusts the seat bottom in several directions. The seat bottom adjusts in the direction you move the switch. The short vertical switch adjusts the seat back angle.

*On EX-V6 model*

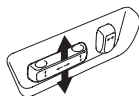
The passenger's seat also has power adjustable controls.



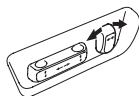
Moves the seat forward and backward.



Moves the front of the seat up or down and the rear of the seat up or down.



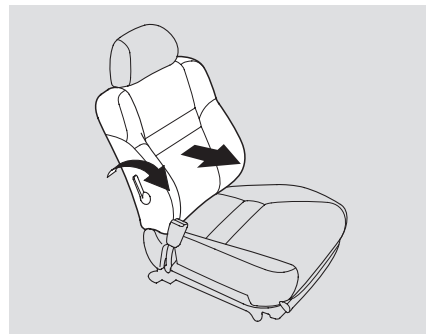
Raises or lowers the seat.



Adjusts the seat-back angle forward or backward.

## Driver's Lumbar Support

*On all EX and EX-V6 models*



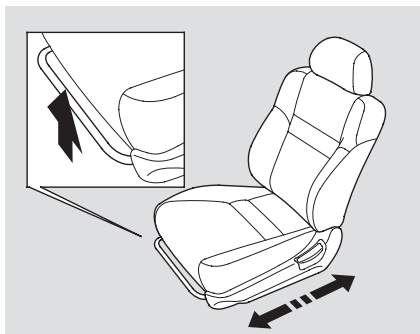
To change the lumbar support, move the lever on the right side of the seat-back forward or backward. Keep moving the lever forward or backward until you find a suitable position.

The 4-cylinder EX model without leather interior has a power height adjustment for the driver's seat. All other seat adjustments in this model are manual.

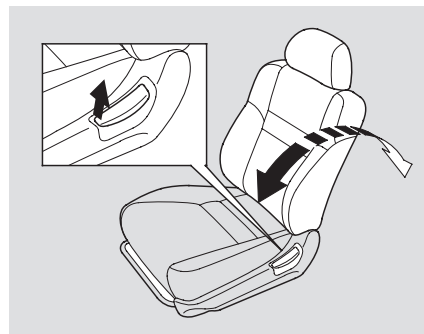
The U.S. DX and LX models have manual seat adjustments (see next column).

The front passenger's seat in all 4-cylinder models, and the LX V-6 models adjusts manually.

### Front Seat Adjustments

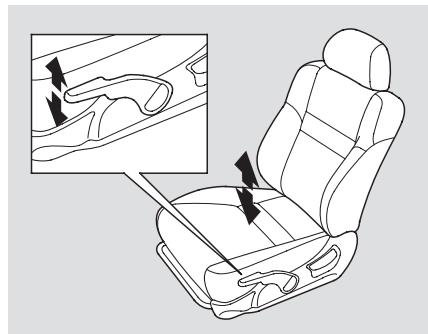


To adjust the seat forward and backward, pull up on the lever under the seat cushion's front edge. Move the seat to the desired position and release the lever. Try to move the seat to make sure it is locked in position.



To change the seat-back angle, pull up on the lever on the outside of the seat bottom.

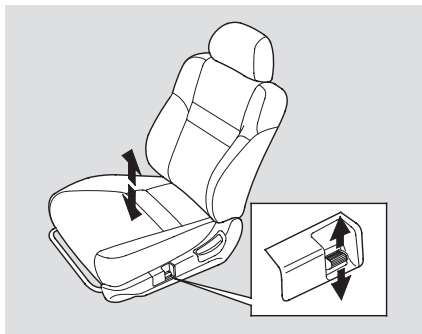
## Driver's Seat Manual Height Adjustment



*On 4-cylinder DX and LX models*

The height of your driver's seat is adjustable. To raise the seat bottom, repeatedly pull up the lever on the outside of the seat cushion. To lower the seat, push down the lever repeatedly.

## Driver's Seat Power Height Adjustment

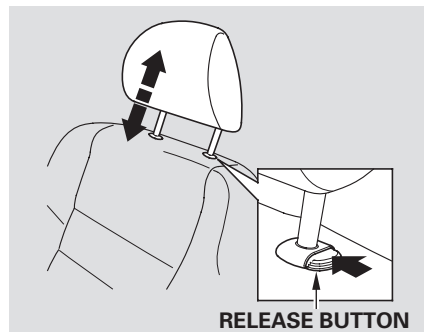


*On 4-cylinder EX models without leather interior*

The height of your driver's seat is power adjustable. Pull up on the switch to raise the seat. Push it down to lower the seat.

Make all adjustments before you start driving.

## Head Restraints



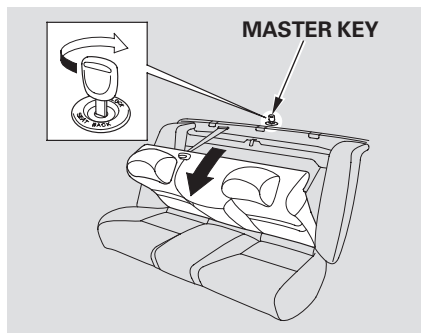
See page 14 for important safety information and a warning about how to properly position the head restraints.

Your vehicle is equipped with head restraints in all seating positions to help protect you and your passengers from whiplash and other injuries.

They are most effective when you adjust them so the back of the occupant's head rests against the center of the restraint.

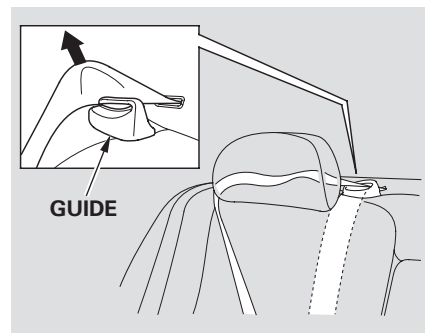
The front and rear head restraints adjust for height. You need both hands to adjust the restraint. Do not attempt to adjust it while driving. To raise it, pull upward. To lower the restraint, push the release button sideways and push the restraint down.

### Folding Rear Seat

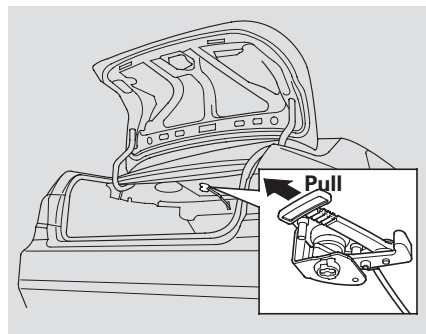


The back of the rear seat folds down, giving you direct access to the trunk. The seat-back can be released from inside the vehicle or inside the trunk.

To fold down the seat-back from inside the vehicle, insert the master key in the lock on the rear shelf. Turn the key clockwise, pull down the top of the seat-back, then release the key.



When storing cargo, you can move the rear center shoulder belt out of the way by removing the belt from the guide.



To release the seat-back from inside the trunk, pull the release loop under the trunk panel.

To lock the seat-back upright, push it firmly against the trunk panel. Make sure it is latched in place by pulling on the top of the seat.

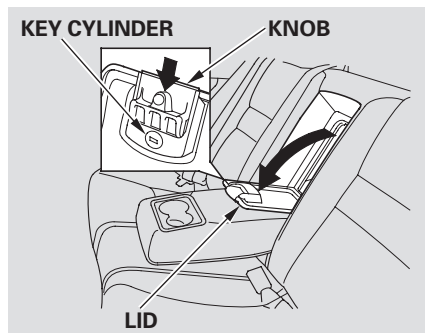
Make sure all rear shoulder belts are positioned in front of the rear seat-back whenever the seat-back is in its upright position.

Make sure all items in the trunk, or items extending through the opening into the back seat, are secured. Loose items can fly forward and cause injury if you have to brake hard. See **Carrying Cargo** on page [173](#).

Never drive with the seat-back folded down and the trunk lid open. See **Carbon Monoxide Hazard** on page [56](#).



### Trunk Pass-through Cover



*On all LX and EX models*

The trunk pass-through cover can be opened from either side; it folds forward onto the center armrest.

Open the cover by sliding the knob downward and pushing or pulling on the cover. To close the cover, swing it up and push firmly on the top.

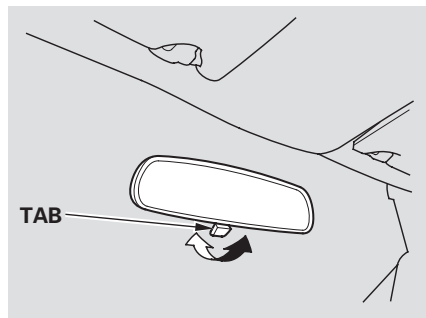
Make sure it latches properly.

Make sure all items in the trunk and those extending through the pass-through are secured.

For security, this cover can be locked and unlocked only with the master key. To lock the cover, insert the key and turn it clockwise.

Never drive with this cover open and the trunk lid open.

See **Carbon Monoxide Hazard** on page [56](#).

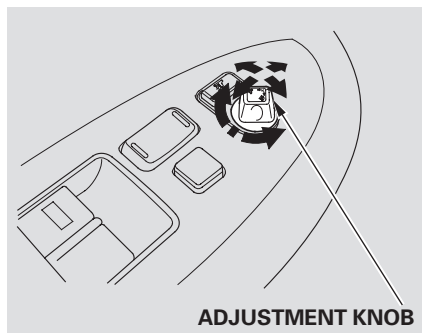


Keep the inside and outside mirrors clean and adjusted for best visibility. Be sure to adjust the mirrors before you start driving.

The outside mirrors on DX models adjust manually.

The inside mirror has day and night positions. The night position reduces glare from headlights behind you. Flip the tab on the bottom edge of the mirror to select the day or night position.

## *Adjusting the Power Mirrors*

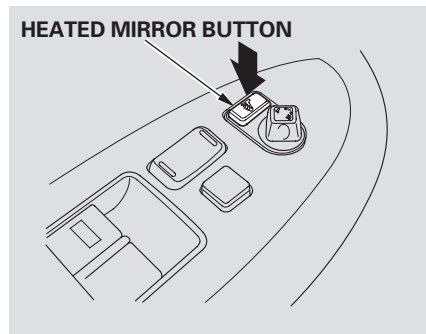


*On all models except U.S. and Canada DX*

1. Turn the ignition switch to ON (II).
2. Turn the adjustment knob to L (driver's side) or R (passenger's side).
3. Push or pull the adjustment knob right, left, up, or down to move the mirror.
4. When you finish, turn the adjustment knob to the center (off) position. This turns off the adjustment knob to keep your settings.

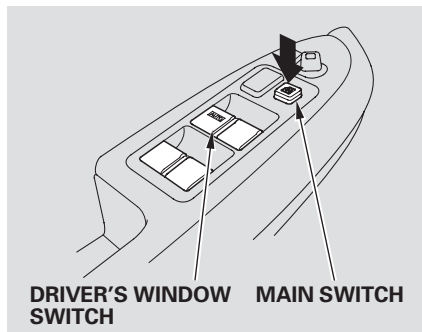
## Power Mirror Heaters

*On all Canadian models except DX*



The outside mirrors are heated to remove fog and frost. With the ignition switch in the ON (II) position, turn on the heaters by pressing the button. The indicator in the button comes on as a reminder. Press the button again to turn the heaters off.

## Power Windows



Turn the ignition switch to ON (II) to raise or lower any window, push the switch down and hold it. Release the switch when you want the window to stop. Close the window by pulling the switch up and holding it.

## ⚠ WARNING

Closing a power window on someone's hands or fingers can cause serious injury.

Make sure your passengers are away from the windows before closing them.

**AUTO** — To open the driver's window, push the window switch firmly down, then release it. The window automatically goes down all the way. To stop the window from going all the way down, pull back on the window switch briefly.

The passenger windows cannot be raised or lowered if the MAIN switch is OFF. Keep the MAIN switch off when you have children in the vehicle so they do not injure themselves by operating the windows unintentionally.

To close the driver's window fully, pull back the window switch firmly, then release it. The window automatically goes all the way up. To stop the window from going all the way up, push down on the window switch briefly.

To open or close the driver's window partially, push down or pull back on the window switch lightly and hold it. The window will stop when you release the switch.

**AUTO REVERSE** — If the driver's window runs into any obstacle while it is closing automatically, it will reverse direction and then stop. To close the window, remove the obstacle, then use the window switch again.

Auto reverse stops sensing when the window is almost closed. You should always check that all passengers and objects are away from the window before closing it.

If your vehicle's battery is disconnected or goes dead, or the driver's window fuse is removed, the AUTO function will be disabled. The power window system needs to be reset after reconnecting the battery or installing the fuse.

1. Start the engine. Push down and hold the driver's window switch until the window is fully open.
2. Pull and hold the driver's window switch to close the window completely, then hold the switch for a second or two more.

If the power windows do not operate properly after resetting, have your vehicle checked by a Honda dealer.

The power window system has a key-off delay function. The windows will still operate for up to ten minutes after you turn off the ignition.

Opening either front door cancels the delay function. You must turn the ignition switch to ON (II) again before you can raise or lower the windows.

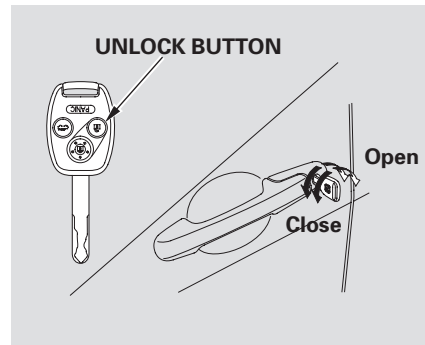
## Power Window Control Operations

### *Opening the Windows with the Remote Transmitter*

You can open all of the windows from the outside with the remote transmitter.

1. Press the UNLOCK button once to unlock the driver's door.
2. Press the UNLOCK button a second time, and hold it. The passenger's doors unlock, and all four windows start to open. To stop the windows, release the button.
3. To open the windows further, press the button again.

You cannot close the windows with the remote transmitter.



### *Opening/Closing the Windows with the Key*

*All models except U.S. and Canada DX*  
You can open and close the windows with the key in the driver's door lock.

To open:

1. Insert the key in the driver's door lock.
2. Turn the key clockwise, then release it.

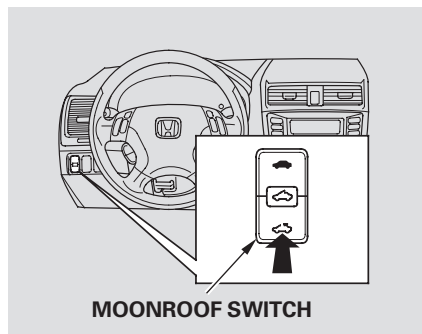
# Power Windows, Moonroof

3. Turn the key clockwise again, and hold it. All four windows start to open. To stop the windows, release the key.
4. To open the windows further, turn and hold the key again.

To close:

1. Insert the key in the driver's door lock.
2. Turn the key counterclockwise, then release it.
3. Turn the key counterclockwise again, and hold it. All four windows start to close. To stop the windows, release the key.
4. To close the windows further, turn and hold the key again.

## Moonroof



*On all EX and EX-V6 models*  
The moonroof has two positions: it can be tilted up in the back for ventilation, or it can be slid back into the roof. Use the switch under the left dashboard vent to operate the moonroof. The ignition switch must be ON (II).

To tilt up the back of the moonroof, press and hold the center button (☁). To close the moonroof, press and hold the upper button (☀). To open the moonroof, press and hold the lower button (☁). Release the button when the moonroof gets to the desired position. Make sure everyone's hands are away from the moonroof before opening or closing it.

## ⚠ WARNING

Opening or closing the moonroof on someone's hands or fingers can cause serious injury.

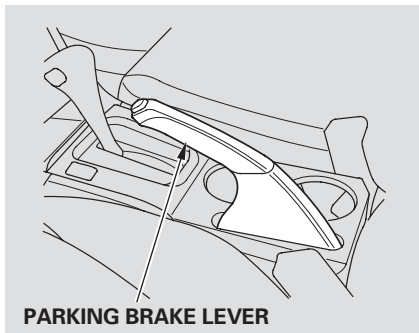
Make sure all hands and fingers are clear of the moonroof before opening or closing it.

The moonroof has a key-off delay. You can still open and close the moonroof for up to ten minutes after you turn off the ignition. The key-off delay cancels as soon as you open either front door. You must then turn the ignition ON (II) for the moonroof to operate.

### NOTICE

*If you try to open the moonroof in below-freezing temperatures, or when it is covered with snow or ice, you can damage the moonroof panel or motor.*

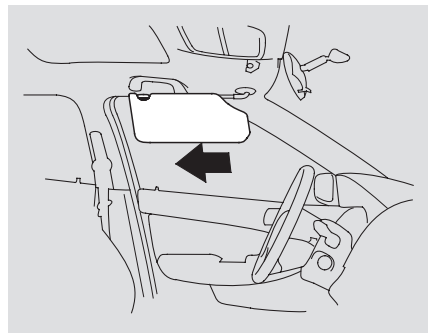
### Parking Brake



To apply the parking brake, pull the lever up fully. To release it, pull up slightly, push the button, and lower the lever. The parking brake light on the instrument panel should go out when the parking brake is fully released with the engine running (see page [62](#)).

**NOTICE:** *Driving the vehicle with the parking brake applied can damage the rear brakes and hubs.*

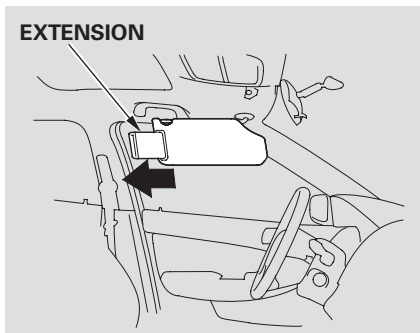
## Sun Visor



To use the sun visor, pull it down. You can also use the sun visor at the side window. Remove the support rod from the clip and swing the sun visor toward the side window.

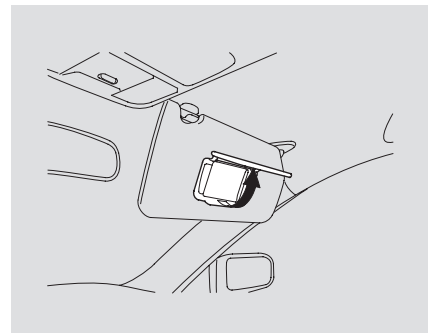
Do not use the sun visor extension over the rear view mirror.

*On EX-V6 models without side curtain airbags*



In this position, the sun visor can be extended by sliding out the extension (all models except DX and those with side curtain airbags). Make sure you put the sun visor back in place when you are getting into or out of the vehicle.

## Vanity Mirror



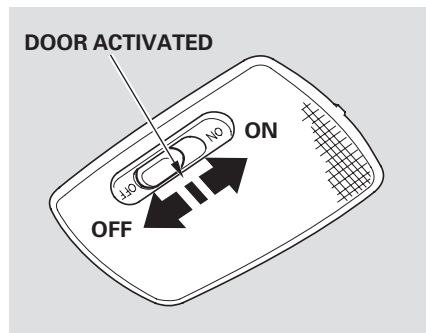
To use a vanity mirror on the back of the sun visor, pull up the cover.

All models except the DX have lighted vanity mirrors.

The lights beside the mirror come on when you pull up the cover.



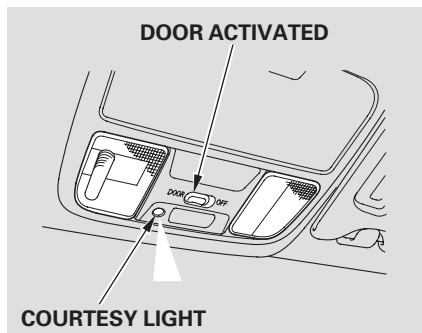
## Ceiling Light



The ceiling lights have a three or two-position switch; ON (for three-position), Door Activated, and OFF. In the Door Activated (center or left) position, the lights come on when you:

- Open any door.
- Unlock the doors with the key or remote transmitter.

After all doors are closed tightly, the light dims slightly, then fades out in about 30 seconds.



## On EX and EX-V6

The front ceiling light also contains two spotlights. Push the spotlight lenses to turn it on and off.

The courtesy light between the spotlights comes on when you turn the parking lights on. To adjust its brightness, turn the Select/Reset knob on the instrument panel.

## On LX models

Push on the spotlight lenses to turn the light on and off.

## Individual Interior Lights

The courtesy lights in the front doors and around the ignition switch come on when you open any door. After you close the door, the ignition switch light stays on for several seconds.

# Interior Convenience Item

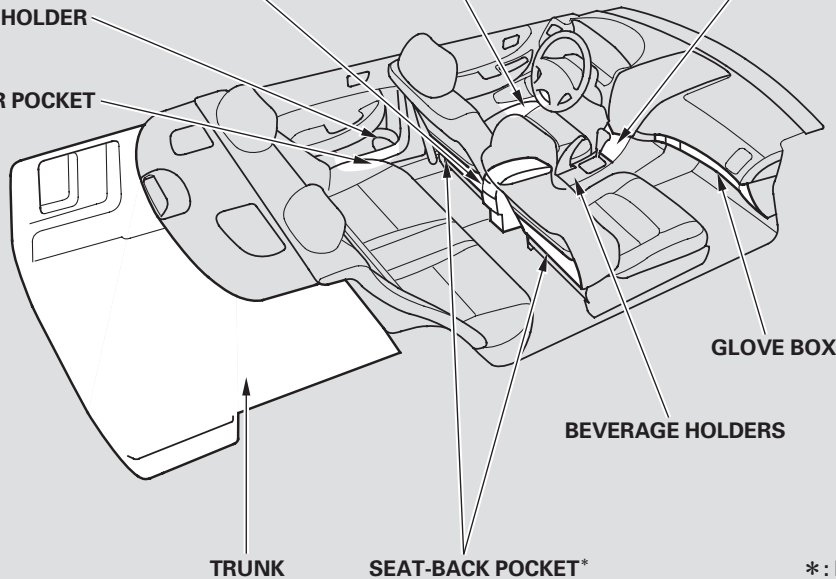
CONSOLE COMPARTMENT/  
ACCESSORY POWER SOCKET

FRONT DOOR POCKET/  
BEVERAGE HOLDER

CENTER POCKET/  
COIN POCKET/  
ACCESSORY POWER SOCKET

BEVERAGE HOLDER

REAR DOOR POCKET



GLOVE BOX

BEVERAGE HOLDERS

TRUNK

SEAT-BACK POCKET\*

\* : For some types

### Beverage Holders

Be careful when you are using the beverage holders. A spilled liquid that is very hot can scald you or your passengers. Liquid can also spill from the door pocket beverage holders when you close the doors. Use only resealable containers in the door pockets.

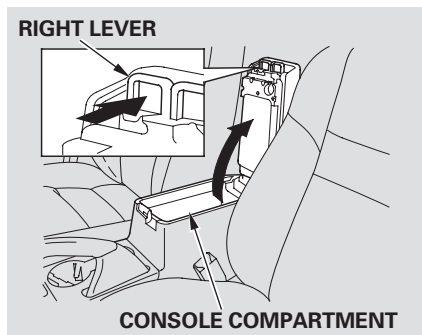
Spilled liquids can damage the upholstery, carpeting, and electrical components in the interior.

### Accessory Power Sockets

These sockets are intended to supply power for 12 volt DC accessories that are rated 120 watts or less (10 amps).

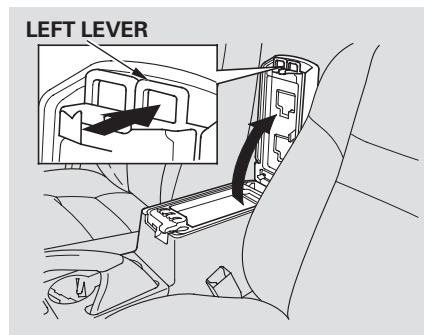
None of the sockets will power an automotive type cigarette lighter element. When more than one socket is being used, the combined power rating of the accessories should be 120 watts or less (10 amps).

### Console Compartment



To open the console compartment, pull up on the right lever and lift the armrest.

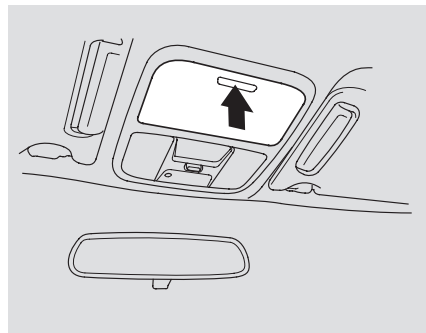
To close, lower the armrest, and push it down until it latches.



You can put small items in the tray located in the console compartment lid. To use the tray, pull up on the left lever and lift up the armrest.

On models except DX, the tray in the console compartment has a coin holder.

## Sunglasses Holder

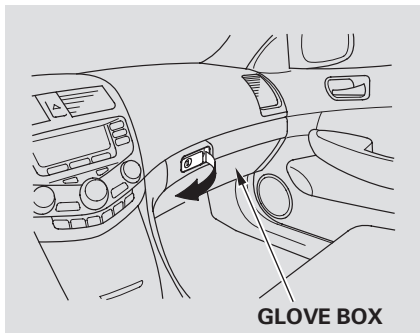


*On all models except U.S. and Canada DX*

To open the sunglasses holder, push on the front edge. Make sure the holder is closed while you are driving.

Some larger styles of sunglasses may not fit in the holder.

## Glove Box



Open the glove box by pulling the handle to the left. Close it with a firm push. Lock or unlock the glove box with the master key.

The glove box light comes on when the parking lights are on.

## **⚠ WARNING**

An open glove box can cause serious injury to your passenger in a crash, even if the passenger is wearing the seat belt.

Always keep the glove box closed while driving.

*On all models except 4-cylinder LX model*

Your Honda has an anti-theft audio system that requires a code number to enable it.

The security system helps to discourage vandalism and theft of your Honda.

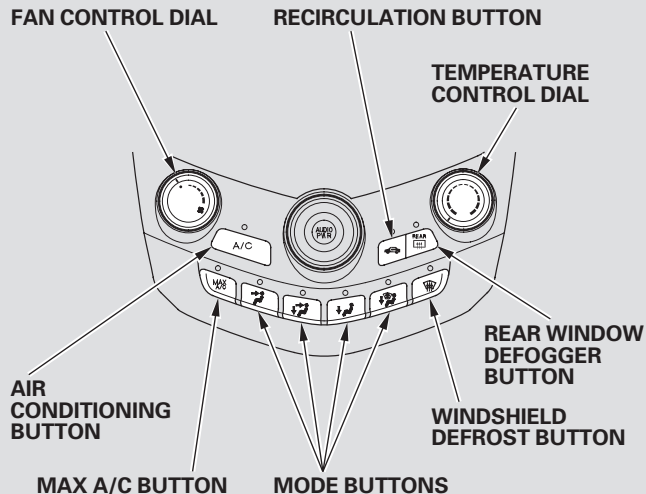
The heating and air conditioning systems in your Honda provide a comfortable driving environment in all weather conditions.

The standard audio system has many features. This section describes those features and how to use them.

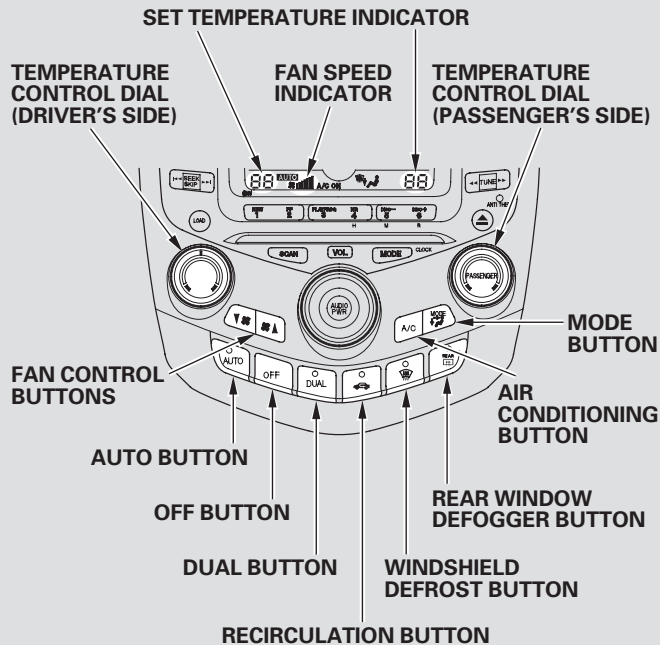
|                                 |     |                                 |     |
|---------------------------------|-----|---------------------------------|-----|
| Vents, Heating, and A/C .....   | 110 | To Stop Playing a Tape .....    | 142 |
| Air Flow Buttons.....           | 112 | Tape Search Functions .....     | 143 |
| Vents, Heating, and A/C .....   | 115 | Caring the Tape and Player..... | 144 |
| Dual Temperature Control.....   | 119 | Playing the XM™ Satellite       |     |
| Climate Control Sensors .....   | 121 | Radio .....                     | 145 |
| Playing the Radio .....         | 122 | Satellite Digital Radio.....    | 145 |
| To the Radio .....              | 124 | To Play XM™ Satellite Radio.... | 146 |
| To Select a Station.....        | 124 | To Select a Channel.....        | 146 |
| Adjusting the Sound.....        | 127 | Satellite Radio Signals .....   | 148 |
| Radio Frequencies.....          | 128 | Receiving Satellite Radio       |     |
| Radio Reception .....           | 128 | Service.....                    | 149 |
| Playing a CD.....               | 130 | Steering Wheel Controls .....   | 151 |
| Playing a CD, CD Changer.....   | 132 | Radio Theft Protection.....     | 152 |
| To Play a CD .....              | 132 | Setting the Clock .....         | 153 |
| To Stop Playing a CD .....      | 135 | Security System .....           | 154 |
| Removing CD's from the          |     | Cruise Control.....             | 155 |
| Changer .....                   | 135 | HomeLink Universal              |     |
| Operating the Optional CD       |     | Transceiver.....                | 158 |
| Changer .....                   | 136 |                                 |     |
| CD Player Error Messages .....  | 137 |                                 |     |
| CD Changer Error Messages ..... | 138 |                                 |     |
| Protecting your CDs.....        | 139 |                                 |     |
| General Information.....        | 139 |                                 |     |
| Protecting CD's.....            | 139 |                                 |     |
| Playing a Tape.....             | 140 |                                 |     |
| To Play a Tape .....            | 142 |                                 |     |

# Vents, Heating, and A/C

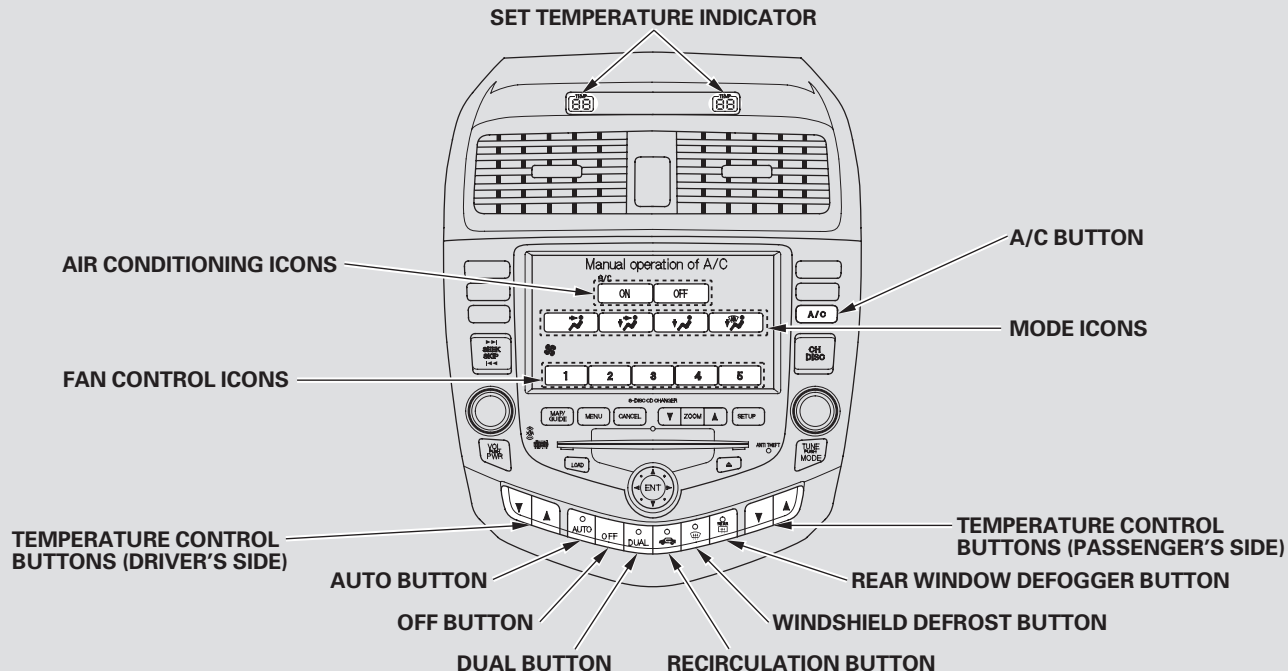
All models except EX-L and EX-V6



EX-L and EX-V6 Models without Navigation System



## EX-L and EX-V6 Models with Navigation System (U.S. Vehicles Only)



## Heating and Cooling

Air conditioning is optional for DX models. Your Honda dealer can install a Honda air conditioning system that is designed to fit in your vehicle.

## What Each Control Does

For EX-L and EX-V6 with navigation system, see page 117 for Automatic Climate Control and Manual Operations information.

## Fan Control

On all models except EX-L and EX-V6, turn this dial clockwise to increase fan speed and increase the airflow.

On EX-L and EX-V6 models without the navigation system, you can manually select the fan speed by pressing the fan control buttons. The fan speed is represented by vertical bars in the display.

On EX-L and EX-V6 models with the navigation system, you can manually select the fan speed by pressing the A/C button next to the display and then, pressing the fan control icons.

## Temperature Control

*On all models except EX-L and EX-V6 with Navigation System*

Turning this dial clockwise increases the temperature of the airflow.

*On EX-L and EX-V6 models*

The driver and passenger can select independent temperature settings by selecting the DUAL button.

For vehicles without navigation system, push the DUAL button. When the indicator in the button is lit, turn the dials to adjust the temperature.

For vehicles with the navigation system, press the DUAL button and the green indicator will come on. The driver and passenger can each select the temperature control buttons (▲ or ▼) to the desired setting.

When the indicator in the DUAL button is off, both sides adjust to the same temperature.



## Air Conditioning (A/C) Button

On all models except EX-L and EX-V6, this button turns the air conditioning on and off. The light above the button is on when the A/C is on.

On vehicles without the navigation system, press the A/C button to turn on the A/C. You will see A/C ON or A/C OFF in the display.

On vehicles with the navigation system, press the A/C button to view the display. Touching "ON" or "OFF" in the display turns the air conditioning on and off. You will see A/C ON or A/C OFF in the display.

## *EX-L and EX-V6*

When you turn the A/C off, the system cannot regulate the inside temperature if you set the temperature control buttons below the outside temperature.

## Recirculation Button

When the light in or above the button is on, air from the vehicle's interior is sent throughout the system again. When the light is off, air is brought in from the outside of the vehicle (Fresh Air mode).

The outside air intakes for the heating and cooling system are at the base of the windshield. Keep this area clear of leaves and other debris.

The system should be left in Fresh Air mode under almost all conditions. Keeping the system in Recirculation mode, particularly with the A/C off, can cause the windows to fog up. Switch to Recirculation mode when driving through dusty or smoky conditions, then return to Fresh Air mode.


## Rear Window Defogger Button

This button turns the rear window defogger off and on (see page 77 ).


## Mode Control


Use the mode control buttons or icons to select the vents the air flows from. Some air will flow from the dashboard corner vents in all modes.



 Air flows from the center and corner vents in the dashboard.

 Air flow is divided between the vents in the dashboard and the floor vents.

 Air flows from the floor vents.

 Air flow is divided between the floor vents and the defroster vents at the base of the windshield.

 Air flows from the defroster vents at the base of the windshield.

When you select  or , the system automatically switches to Fresh Air mode and turns on the A/C. In these modes, the A/C stays on with the indicator off.

When you select , the system automatically switches to Fresh Air mode.

*On EX-L and EX-V6 model  
For Vehicles without Navigation System*


Each time you press the MODE button, the display shows the mode selected.

*For Vehicles with Navigation System*

Press the A/C button to view the display, then touch any of the mode icons on the display.


## MAX A/C Button

*All models except EX-L and EX-V6*

 The system automatically turns on the A/C and switches to Recirculation mode. Air flows from the center and side vents in the dashboard.

## Ventilation

The flow-through ventilation system draws in outside air, circulates it through the interior, then exhausts it through vents near the rear window.


1. Set the temperature control dial or the button to the lower limit.
2. Make sure the A/C is off.
3. Select  and Fresh Air mode.
4. Set the fan to the desired speed.

## Using the Heater

The heater uses engine coolant to warm the air. If the engine is cold, it will be several minutes before you feel warm air coming from the system.

*Except EX-L and EX-V6 with Navigation System*

1. Select .

When you select , the system automatically switches to the Fresh Air mode.

2. Set the fan to the desired speed.
3. Adjust the warmth of the air with the temperature control dial.


*EX-L and EX-V6 with Navigation System*

1. Press the A/C button, the manual operation of A/C screen will appear.
2. Select the desired mode and fan speed icons on the display.
3. Adjust for warmth with the temperature buttons (▲ or ▼).

## Using the A/C

Air conditioning places an extra load on the engine. Watch the engine coolant temperature gauge (see page 69). If it moves near the red zone, turn off the A/C until the gauge reads normally.

*Except EX-L and EX-V6 with Navigation System*

1. Turn on the A/C by pressing the button. The light above or in the button comes on when a fan speed is selected.
2. Make sure the temperature control dial or button is set to their lower limit.
3. Select .
4. If the outside air is humid, select Recirculation mode. If the outside air is dry, select Fresh Air mode.
5. Set the fan to the desired speed.


*EX-L and EX-V6 with Navigation System*

1. Press the A/C button, the Manual Operation A/C screen will appear.
2. Select the ON icon on the display.
3. Select the desired temperature and MODE selections. If the outside air is humid, select the Recirculation mode. If the outside air is dry, select Fresh Air mode.

*If the interior is very warm, you can cool it down more rapidly by partially opening the windows, turning on the A/C, and setting the fan to maximum speed in Fresh Air mode.*

*On all models except EX-L and EX-V6*

To cool the interior with MAX A/C:

1. Set the fan to the desired speed.
2. Select the MAX A/C mode.  
The system automatically turns on the A/C, selects  and switches to Recirculation mode.
3. Make sure the temperature control dial is all the way to the left.

## Dehumidify the Interior




Air conditioning, as it cools, removes moisture from the air. When used in combination with the heater, it makes the interior warm and dry.


1. Switch the fan on.
2. Turn on the air conditioning.
3. Select  and Fresh Air mode.
4. Adjust the temperature control dial or buttons to your preference.

This setting is suitable for all driving conditions whenever the outside temperature is above 32°F (0°C).



## To Defog and Defrost

To remove fog from the inside of the windows:

1. Set the fan to the desired speed or high for faster defrosting.
2. Select . When you select , the system automatically switches to Fresh Air mode and turns on the A/C. The A/C indicator will not come on in U.S. vehicles.
3. Set the temperature control dial or buttons so the airflow feels warm.
4. Select  to help clear the rear window.
5. To increase airflow to the windshield, close the side vents.

When you switch to another mode from , the A/C stays on. Press the A/C button to turn it off.

## To Remove Exterior Frost or Ice From the Windows

1. Select . The system automatically switches to Fresh Air mode and turns on the A/C. The A/C indicator will not come on in U.S. vehicles.
2. Select .
3. Set the fan and temperature controls to maximum level.

To clear the windows faster, you can close the dashboard corner vents by rotating the wheel below it. This will send more warm air to the windshield defroster vents. Once the windshield is clear, select the Fresh Air mode to avoid fogging the windows.

For your safety, make sure you have a clear view through all the windows before driving.

## To Cool or Heat Automatically

*On EX-L and EX-V6 models*

The Automatic Climate Control system can adjust the fan speed and airflow levels to maintain the interior temperature you select.

*EX-L and EX-V6 models with Navigation System*

In the AUTO mode, the vehicle's interior temperature is independently regulated for the driver and passenger. If the driver's side of the vehicle is getting too much sun, the system will adjust to a lower temperature.

## Using Automatic Climate Control

*EX-L and EX-V6 models*

1. Press the AUTO button.

*Without Navigation System*

2. Set the desired temperature by turning the Temperature Control dial. You will see AUTO in the system's display.

*With Navigation System*

2. Set the desired temperature by pressing the ▲ to raise the temperature or ▼ to lower the temperature. The selected temperature will show in the upper display.

The system automatically selects the proper mix of conditioned and/or heated air to raise or lower the interior temperature to the temperature you selected.

If you set the temperature to its lowest limit, (Lo) or its highest limit, (Hi) the system runs at full cooling or heating only. It does not regulate the interior temperature.

In cold weather, the fan will not come on automatically until the heater starts to develop warm air.

*Dual Temperature Control* — When the indicator in the Dual button is on, the driver's side and passenger's side temperature can be controlled independently (see page 119).

## Manual Operation

You can manually select various functions of the Climate Control System when it is in AUTO. All other features remain automatically controlled.

### *EX-L and EX-V6 without Navigation System*

Manual selections will cause the word AUTO in the display to go out.

### *EX-L and EX-V6 with Navigation System*

If you press the A/C button next to the display, the manual selections will show in the display. Manual selection will cause the light in the AUTO button to turn off.

## To Turn Everything Off

Press the OFF button. However, a lack of air flow can cause the windows to fog up. It is recommended that you keep the fan on at all times so stale air and moisture do not build up in the interior and cause fogging.

If you press OFF, the Climate Control system shuts off completely.

- Keep the system completely off for short periods only.
- To keep stale air and mustiness from collecting, you should have the fan running at all times.

### *With Navigation System*

When the Climate Control System is turned OFF, the temperature in the upper display will also turn off.

### *Except for EX and EX-V6 models*

Turning the fan speed and temperature control dials all the way to the left shuts off the system completely.

*On EX-L and EX-V6 models*

*Without Navigation System*


Your vehicle has two temperature control dials, one for the driver, and one for the passenger.

*With Navigation System*

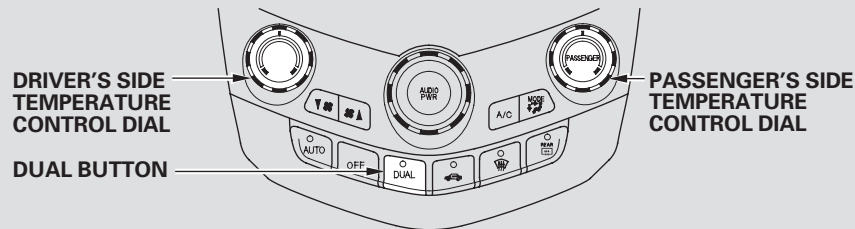
Your vehicle has four temperature control buttons, two for the driver, and two for the passenger.

The driver's side and the passenger's side can be controlled independently by adjusting these dials or buttons when the green indicator in the DUAL button is lit.

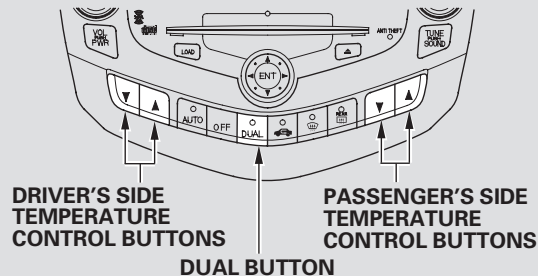
## **Temperature Control Dials/Buttons**

Push AUTO or . The selected temperatures appear in the upper display. For vehicles when the indicator in the DUAL button is off, you can adjust both sides to the same temperature by adjusting the driver's side temperature control dial or buttons.

### **Without Navigation System**



### **With Navigation System**

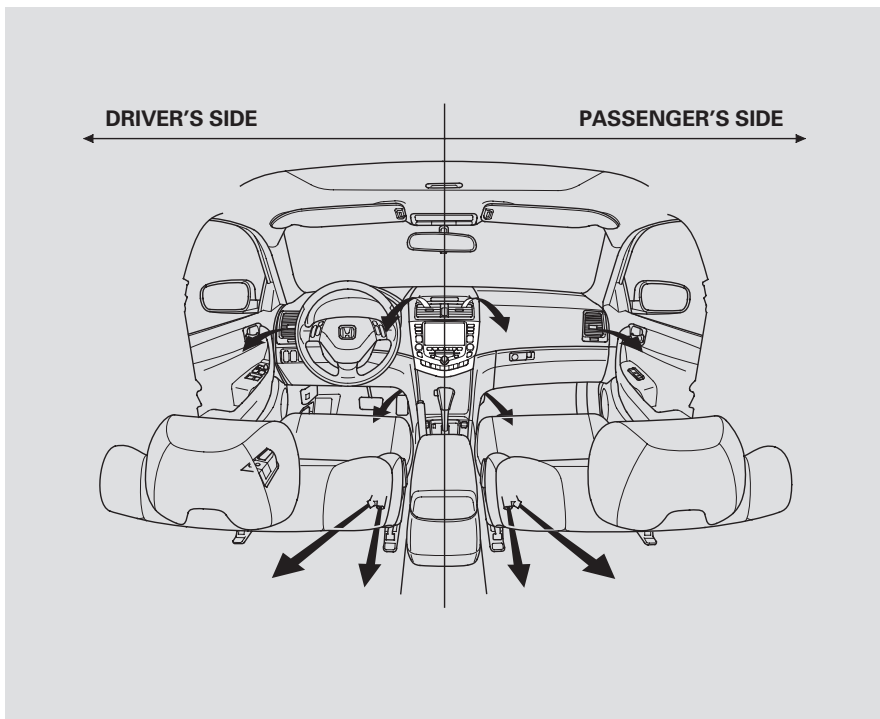


*CONTINUED*

# Dual Temperature Control

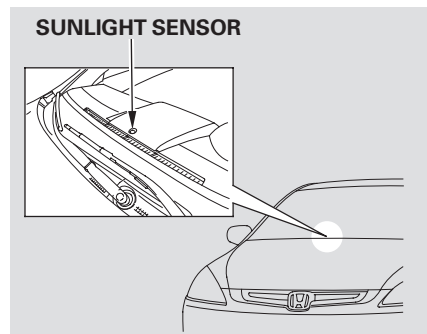
To set the driver's side temperature to a different value than the passenger's, press the DUAL button, then turn the driver's control dial or press the ▲ or ▼ buttons on the driver's side. To set the passenger's side to a different value than the driver's, turn the passenger's control dial or press the ▲ or ▼ buttons on the passenger's side. You can adjust the passenger's side without pressing the DUAL button first.

When you set the temperature to its lower limit or its upper limit, it will be displayed as “**H**” or “**L**”.

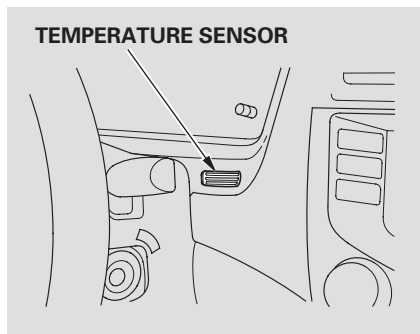




## Sunlight Sensor/Temperature Sensor

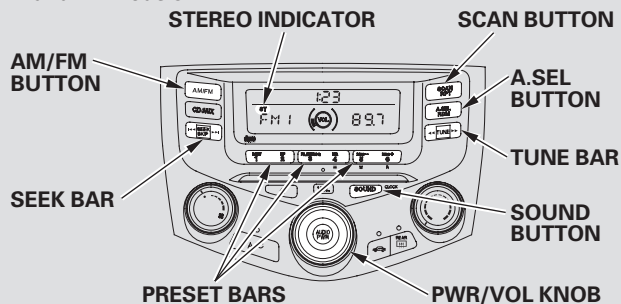


The climate control system has two sensors. A sunlight sensor is in the top of the dashboard, and a temperature sensor is next to the steering column. Do not cover the sensors or spill any liquid on them.

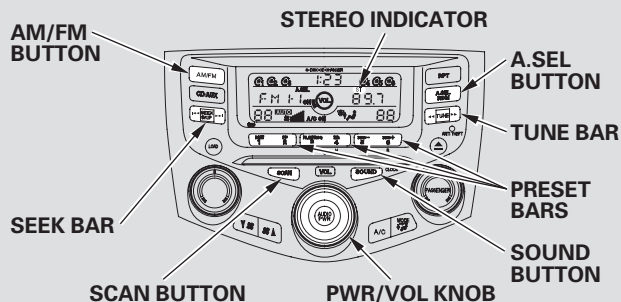


# Playing the Radio

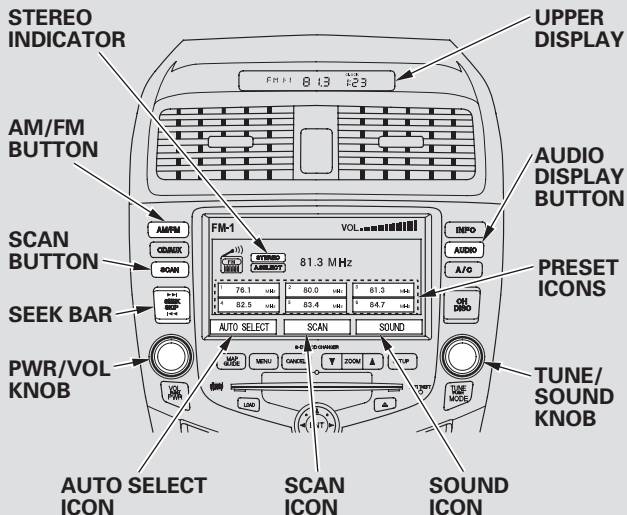
## DX and LX Models



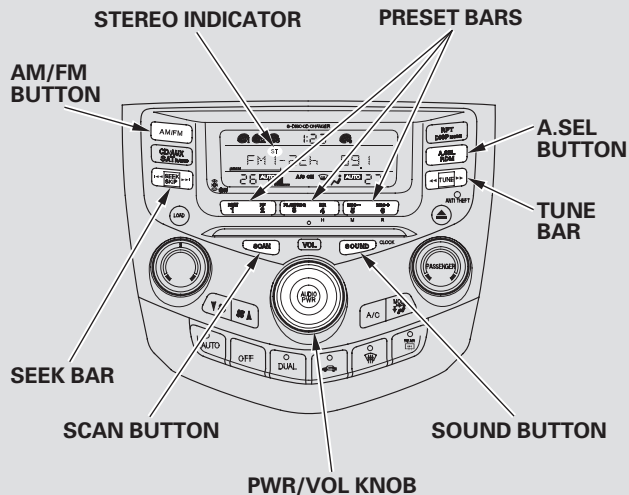
## EX, EX-V6 and LX-V6 Models without Navigation System



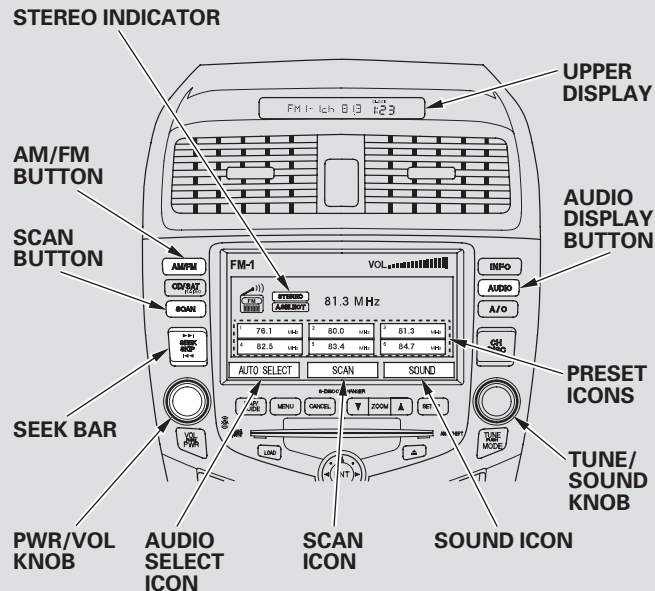
## EX-L, EX-V6 Models with Navigation System (U.S. Vehicles Only)



## EX-L, EX-V6 Models without Navigation System



## EX-L, EX-V6 Models with Navigation System (U.S. Vehicles Only)



# Playing the Radio

---

## To Play the Radio

The ignition switch must be in the ACCESSORY (I) or ON (II) position. Turn the system on by pushing the PWR/VOL knob or the AM/FM button. Adjust the volume by turning the same knob.

*For Vehicles with Navigation System*  
Pushing the AUDIO DISPLAY button will also turn on the system.

The band and frequency that the radio was last tuned to is displayed. To change bands, press the AM/FM button. On the FM band, ST will be displayed if the station is broadcasting in stereo. Stereo reproduction on AM is not available.

XM Satellite Radio information is available on page [145](#).

## To Select a Station

You can use any of five methods to find radio stations on the selected band: TUNE, SEEK, SCAN, AUTO SELECT, and the preset bars or icons.

**TUNE** — Use the TUNE bar or knob to tune the radio to a desired frequency. Press the ►► side of the bar or turn the knob to the right to tune to a higher frequency, and the ◄◄ side or turn the knob to the left to tune to a lower frequency.

**SEEK** — The SEEK function searches up and down from the current frequency to find a station with a strong signal. To activate it, press the ◄◄ or ►► side of the bar, then release it.

**SCAN** — The SCAN function samples all stations with strong signals on the selected band. To activate it, press the SCAN button, then release it. You will see SCAN in the display. The system will scan for a station with a strong signal. When it finds one, it will stop and play that station for about five seconds.

If you do nothing, the system will then scan for the next strong station and play it for five seconds. When it plays a station you want to listen to, press the SCAN button again.

**Preset** — Each preset bar or icon can store one frequency on AM, and two frequencies on FM.

1. Select the desired band, AM or FM. FM1 and FM2 let you store two frequencies with each preset bar or icon.  
*For Vehicles with Navigation System*  
Push the AUDIO DISPLAY button to view the preset icons.
2. Use the TUNE, SEEK, or SCAN function to tune the radio to a desired station.

3. Pick the preset number (1 — 6) you want for that station. Press the left or right side of the bar or icon and hold it until you hear a beep.
4. Repeat steps 1 to 3 to store a total of six stations on AM and twelve stations on FM.

The preset frequencies will be lost if your vehicle's battery goes dead, is disconnected, or the radio fuse is removed.

**AUTO SELECT** — If you are traveling far from home and can no longer receive your preset stations, you can use the Auto Select feature to find stations in the local area.

Press the A. SEL button or touch the Auto Select icon. A. SEL will flash in the display, and the system will go into scan mode for several seconds. It stores the frequencies of six AM, and twelve FM stations in the preset bars (1 — 6) or icons. You will see a “0” displayed after pressing a preset bar or icon if Auto Select cannot find a strong station for every preset bar or icon.

If you do not like the stations Auto Select has stored, you can store other frequencies on the preset bars or icons. Use the TUNE, SEEK, or SCAN function to find stations, then store them in the preset bars or icons as described previously.

*To turn off Auto Select*, press the A. SEL button or icon. This restores the presets you originally set.

## Adjusting the Sound

Press the SOUND button or icon, or press the TUNE knob repeatedly to display the Bass (BAS), Treble (TRE), Balance (BAL), and Fader (FAD) settings. On vehicles with navigation system, touch the SOUND icon or press the TUNE knob.

**Balance/Fader** — These two modes adjust the strength of the sound coming from each speaker. BAL adjusts the side-to-side strength, while FAD adjusts the front-to-back strength.

**Treble/Bass** — Use the TRE/BAS modes to adjust the tone to your liking.

### *On Vehicles with Navigation System*

If you want to adjust the sound while the radio/CD is playing, push the AUDIO DISPLAY button, then touch the SOUND icon in the display.

### *For Vehicles without Navigation System*

Each mode is shown in the display as it changes. Turn the VOLUME knob or touch the icon to adjust the setting to your liking. When the level reaches the center, you will see “C” in the display.

### *For Vehicles with Navigation System (U.S. vehicles only)*

Touch the arrows next to the BAS or TRE icons. The adjustment shows you the current setting.

Touch the left or right bars on the sound grid. Balance is equalized when the vertical lines are centered on the grid.

Touch the front or rear bars on the sound grid. The fader is equalized when the horizontal lines are centered on the grid.

The system will automatically return the display to the selected audio mode about five seconds after you stop adjusting a mode. On vehicles with navigation system, touch the RETURN icon to go back to the audio screen.

# Playing the Radio

---

## Radio Frequencies

Your Honda's radio can receive the complete AM and FM bands. Those bands cover these frequencies:

AM band:

530 to 1,710 kilohertz

FM band:

87.7 to 107.9 megahertz

Radio stations on the AM band are assigned frequencies at least ten kilohertz apart (530, 540, 550).

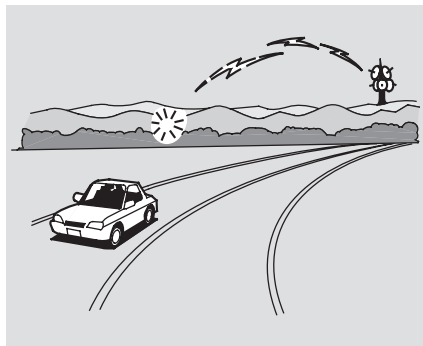
Stations on the FM band are assigned frequencies at least 0.2 megahertz apart (87.9, 88.1, 88.3).

Stations must use these exact frequencies. It is fairly common for stations to round-off the frequency in their advertising, so your radio could display a frequency of 100.9 even though the announcer may identify the station as "FM101."

## Radio Reception

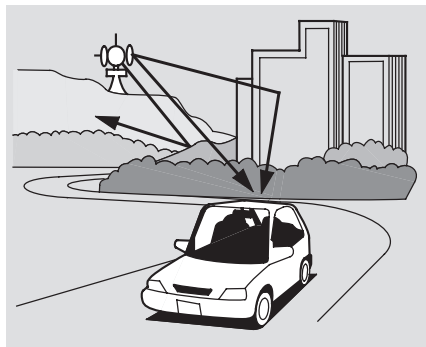
How well your Honda's radio receives stations is dependent on many factors, such as the distance from the station's transmitter, nearby large objects, and atmospheric conditions.

A radio station's signal gets weaker as you get farther away from its transmitter. If you are listening to an AM station, you will notice the sound volume becoming weaker, and the station drifting in and out. If you are listening to an FM station, you will see the stereo indicator flickering off and on as the signal weakens. Eventually, the stereo indicator will go off and the sound will fade completely as you get out of range of the station's signal.



Driving very near the transmitter of a station that is broadcasting on a frequency close to the frequency of the station you are listening to can also affect your radio's reception. You may temporarily hear both stations, or hear only the station you are close to.





Radio signals, especially on the FM band, are deflected by large objects such as buildings and hills. Your radio then receives both the direct signal from the station's transmitter, and the deflected signal. This causes the sound to distort or flutter. This is a main cause of poor radio reception in city driving.



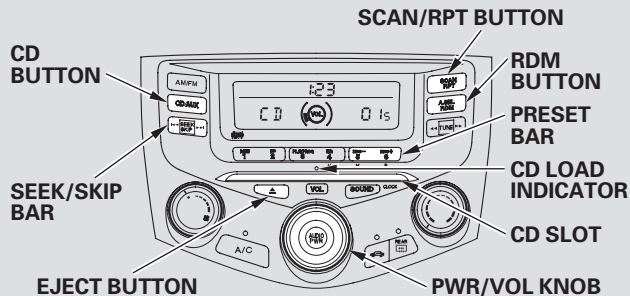
Radio reception can be affected by atmospheric conditions such as thunderstorms, high humidity, and even sunspots. You may be able to receive a distant radio station one day and not receive it the next day because of a change in conditions.

Electrical interference from passing vehicles and stationary sources can cause temporary reception problems.

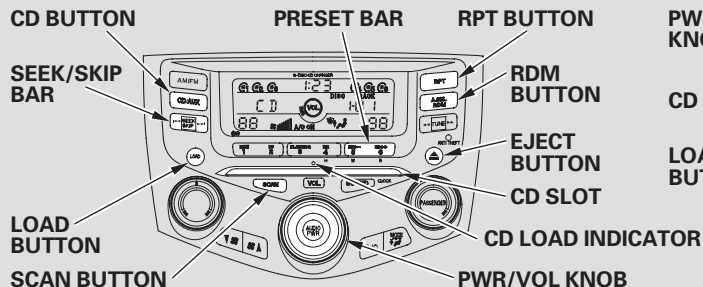
*As required by the FCC:  
Changes or modifications not expressly  
approved by the party responsible for  
compliance could void the user's  
authority to operate the equipment.*

# Playing a CD

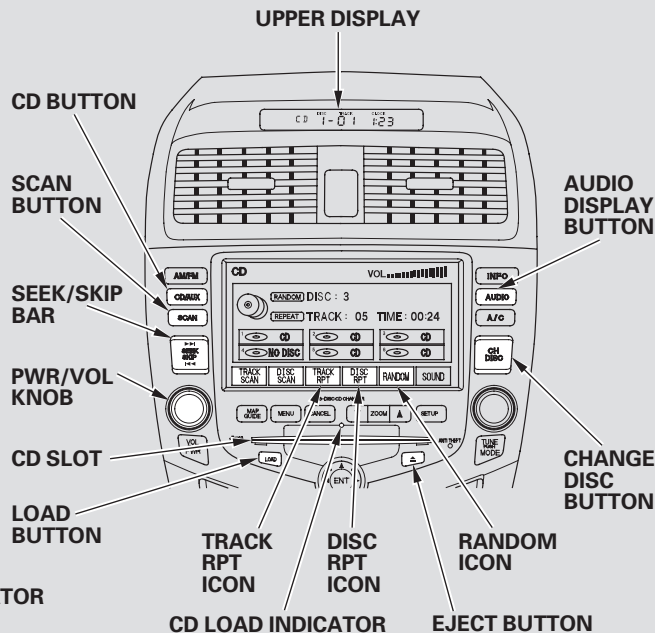
**DX and LX Models**



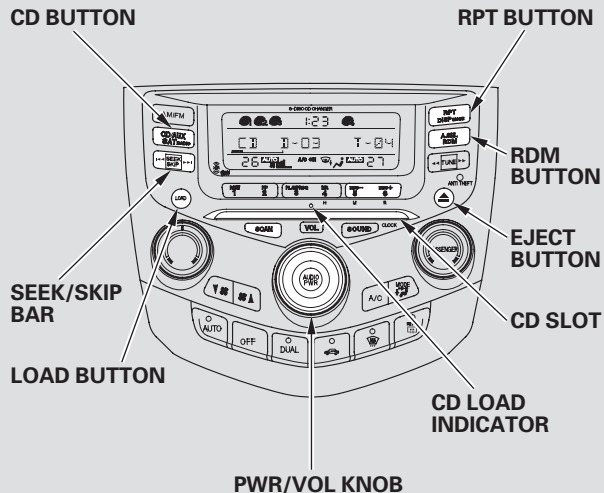
**EX, EX-V6 and LX-V6 Models without Navigation System**



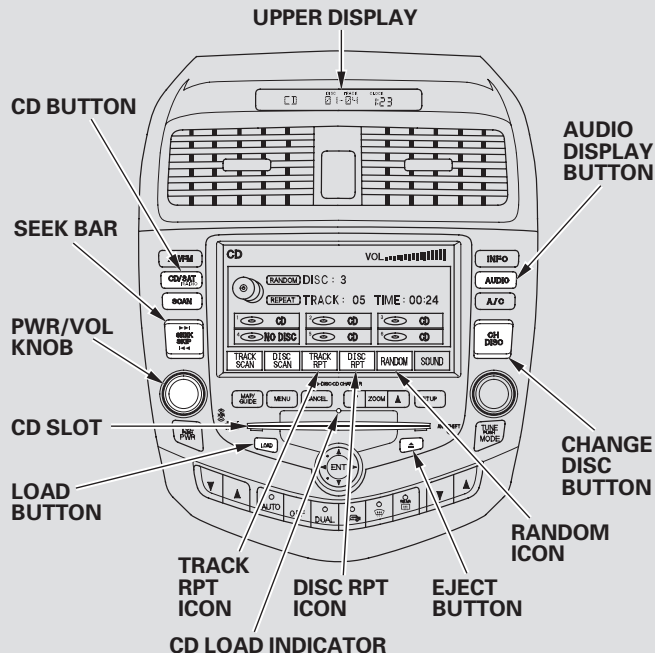
**EX, EX-V6 Models with Navigation System (U.S. Vehicles Only)**



## EX-L, EX-V6 Models without Navigation System



## EX-L, EX-V6 Models with Navigation System (U.S. Vehicles Only)



# Playing a CD, CD Changer

---

## To Play a CD

To load or play CD's, the ignition switch must be in the ACCESSORY (I) or ON (II) position.

You operate the CD player/CD changer with the same controls used for the radio. To select the CD player/CD changer, press the CD button. The number of the track playing is shown in the display. With the in-dash CD changer, the disc and track numbers are displayed. The system will continuously play a CD until you change modes.

## *DX, LX, and LX-G Models in Canada*

Insert a CD into the CD slot. The drive will pull the CD in the rest of the way to play it. When the system reaches the end of the disc, it will return to the beginning and play the disc again.

To play the radio when a CD is playing, press the AM/FM button. Press the CD button again to switch back to the CD player.

## *For vehicles with Satellite Radio*

To listen to satellite radio when a CD is playing, press the CD/SAT button.

To play the tape when a CD is playing, insert a tape in the player (optional). If a tape is in the player, press the AUX button. Press the CD button again to switch back to the CD player. The cassette player is optional on all U.S. models.

If you turn the system off while a CD is playing, either with the PWR/VOL knob or by turning off the ignition, the disc will stay in the drive. When you turn the system back on, the CD will begin playing where it left off.

### *For Vehicle with in-dash CD Changer*

1. Press the LOAD button until you hear a beep and see “LOAD” in the display.
2. The disc number for an empty position is highlighted and the red light starts blinking.
3. Insert the disc into the CD slot when the green CD load indicator comes on. Insert it only about halfway; the drive will pull it in the rest of the way. You will see “BUSY” in the display as the CD load indicator turns red and blinks as the CD is loaded.
4. When the CD load indicator turns green and “LOAD” appears in the screen again, insert the next CD in the slot.
5. Repeat steps 1 through 3 until all six positions are loaded. If you are not loading all six positions, the system begins playing the last CD loaded.

You can also load a CD into an empty position while a CD is playing. Select the empty position (the disc number indicator is not highlighted) and press the appropriate preset bar or touch a disc icon. The current CD stops playing and starts the loading sequence. The CD just loaded will play.

You operate the CD changer with the same controls used for the radio. The numbers of the disc and track playing are shown in the display. On vehicles with navigation system, these numbers also appear in the upper display.

### *On vehicles with in-dash CD changer*

To select a different disc, press the appropriate side of a preset bar (1–6) or use the Preset 5 (DISC –) to select the previous disc or Preset 6 (DISC +) to select the next disc in sequence. On vehicles with navigation system, touch the appropriate disc icon or press the ▲ or ▼ side of the CH/DISC bar. If you select an empty position in the CD changer, the system will try to load the CD in the next available slot.

## Playing a CD, CD Changer

---

*For Vehicles without Navigation System*

**SEEK/SKIP** — Push the ►►I to play the next track on the disc. Push the I◄◄ once to replay the track in play, press twice to replay the previous track.

To remove rapidly within a track, press and hold the I◄◄, or the ►►I button.

**REPEAT** — Press to continuously replay a track. You will see RPT in the display. Press the RPT button again to turn it off.

**RANDOM** — Press to play the tracks in random order. You will see RDM in the display. Press the RDM button again to return to normal play.

**SCAN** — The SCAN function samples all the tracks on the selected disc in the order they are recorded. To activate it, press and release the SCAN button. You will see SCAN in the display, and you will get a 10 second sampling of each track on the selected CD. Press the SCAN button again to get out of the system.

*EX-L, EX-V6 Models with Navigation System*

To use the controls, press the AUDIO DISPLAY button, the control icons will appear on the screen.

**TRACK SCAN** — Press the icon or SCAN button, to get a 10 second sampling of each track on the current CD. Press the icon or button again to turn it off.

**DISC SCAN** — Touch to get a 10 second sampling of the first song of each disc in the CD changer. Touch the icon again to turn it off.

**TRACK RPT** — Touch to continuously play the same song on the CD. Press the icon again to stop the function.


**DISC RPT** — Touch the icon to continuously replay the current CD. Touch again to turn it off.

**TRACK RDM** — Touch the icon to play the current CD in random order. Touch again to stop.

**CH DISC** — Selects an icon and plays the disc.

### To Stop Playing a CD

*On models with CD player or changer*

Press the eject button (  ) to remove the CD. If you eject the CD, but do not remove it from the slot, the system will automatically reload the CD after 15 seconds and put it in pause mode. To begin playing, press the CD button.

### *EX-L, EX-V6 Models*

Press the AM/FM or SAT/CD button to switch to the radio or satellite radio while a CD is playing. Press the CD button again to play the CD.

If a tape is in the optional tape player, press the AUX button to switch to the tape while a CD is playing. Press the CD button again to switch back to the CD player.

If you turn the system off while a CD is playing, the CD will stay in the drive. When you turn the system back on, the CD will begin playing where it left off.

### Removing CD's from the Changer

*EX, EX-V6 Models*

To remove the disc currently playing, press the EJECT button. When a disc is removed from a slot, the system automatically begins the load sequence so you can load another CD in that position. If you do not remove the disc from the changer within 15 seconds, the system returns to the previous mode (AM/FM or satellite radio). The disc will reload into the system and will remain there in a pause mode.

To remove a different disc from the changer, first select it with the appropriate preset bar or icon. When that CD begins playing, press the eject button. Continue pressing the EJECT button to remove all the discs from the changer.

## Playing a CD, CD Changer

---

### Operating the Optional CD Changer

*DX, LX, LX-V6, and EX models*

An optional six or eight disc CD changer is available for your vehicle from your Honda dealer.

This disc changer uses the same controls used for the in-dash CD player/changer or the radio.

Load the desired CDs in the magazine, and load the magazine in the changer according to the instructions that came with the unit.

To select the CD changer, press the CD button. The disc and track numbers will be displayed. To select a different disc, use Preset 5 (DISC -), for a previous disc; or Preset 6 (DISC +), to select the next disc in sequence.

If you select an empty slot in the magazine, the changer will search for the next available CD to load and play.

On LX model, if there are no CDs in the changer, the display will flash, and you will have to select another mode.



If you see an error message in the display while playing a CD player, find the cause in the chart to the right. If you cannot clear the error message, take the vehicle to your Honda dealer.

| Error Message                  | Cause            | Solution   |
|--------------------------------|------------------|--|
| CD DISC<br>or<br>CD DISC ERROR | FOCUS Error      | Press the eject button and pull out the disc.<br>Check if the disc is inserted correctly in the CD player.<br>Make sure the disc is not scratched or damaged.  |
| CD ERR<br>or<br>CD MECHA ERROR | Mechanical Error | Press the eject button and pull out the disc.<br>Check the disc for damage or deformation.<br>If the CD cannot be pulled out or the error indication does not disappear after the disc is ejected, see your Honda dealer.<br>Do not try to force the disc out of the player. |
| CD HOT                         | High Temperature | Will disappear when the temperature returns to normal.   |

## CD Changer Error Messages

---

If you see an error message in the display while operating the CD changer, find the cause in the chart to the right. If you cannot clear the error message, take the vehicle to a Honda dealer.

| Error Message | Cause                   | Solution  |
|---------------|-------------------------|---|
| CD DISC       | FOCUS Error             | Press the CD eject button and pull out the CDs. Check for an error indication. Insert the CDs again. If the code does not disappear or the CDs cannot be pulled out, consult your Honda dealer. |
| CD ERR        | Mechanical Error        | Press the CD eject button and pull out the CDs. Check for an error indication. Insert the CDs again. If the code does not disappear or the CDs cannot be pulled out, consult your Honda dealer. |
| CD EJECT      | No CD in the CD Changer | Insert CDs.   |
| CD HOT        | High Temperature        | Will disappear when the temperature returns to normal.  |

### General Information

- When using CD-R discs, use only high quality CDs labeled for audio use.
- When recording a CD-R, the recording must be closed for it to be used by the CD players.
- CD-RW discs will not work in this unit.
- Play only standard round CDs. Odd-shaped CDs may jam in the drive or cause other problems.
- Handle your CDs properly to prevent damage and skipping. See this page.

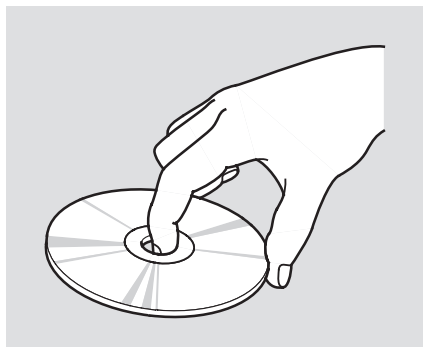
### Protecting CDs

When a CD is not being played, store it in its case to protect it from dust and other contamination. To prevent warpage, keep CDs out of direct sunlight and extreme heat.

To clean a CD, use a clean soft cloth. Wipe across the CD from the center to the outside edge.

A new CD may be rough on the inner and outer edges. The small plastic pieces causing this roughness can flake off and fall on the recording surface of the CD, causing skipping or other problems. Remove these pieces by rubbing the inner and outer edges with the side of a pencil or pen.

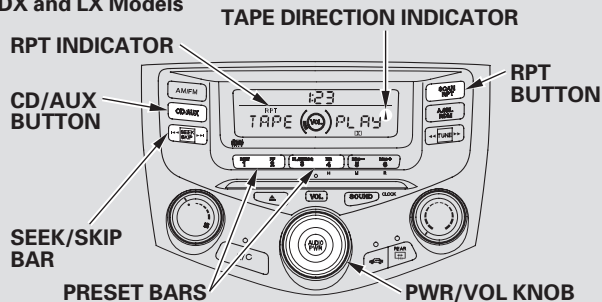
Never try to insert foreign objects in the CD player or the magazine.



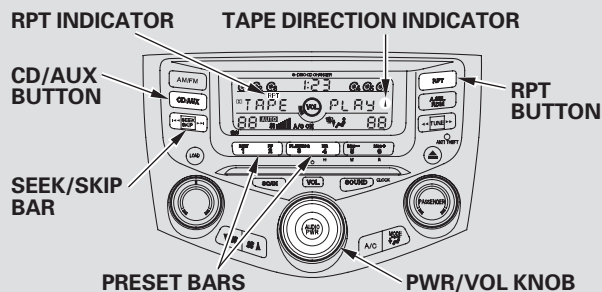
Handle a CD by its edges; never touch either surface. Do not place stabilizer rings or labels on the CD. These, along with contamination from fingerprints, liquids, and felt-tip pens, can cause the CD to not play properly, or possibly jam in the drive.

# Playing a Tape (U.S. Vehicles)

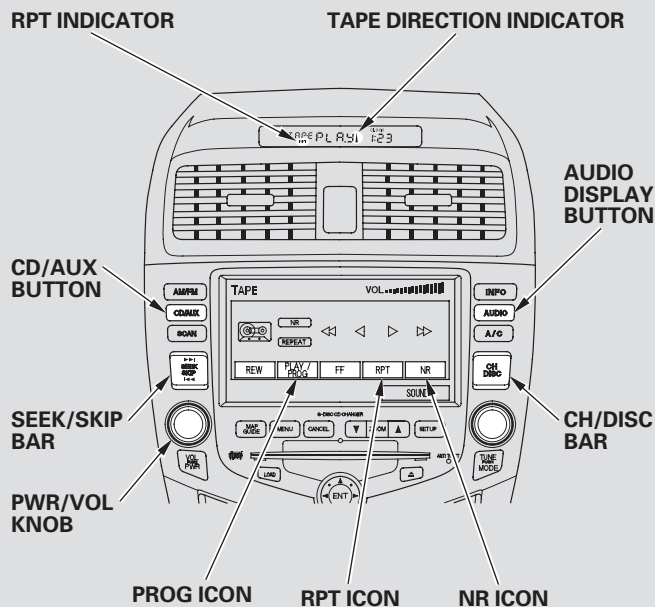
## DX and LX Models



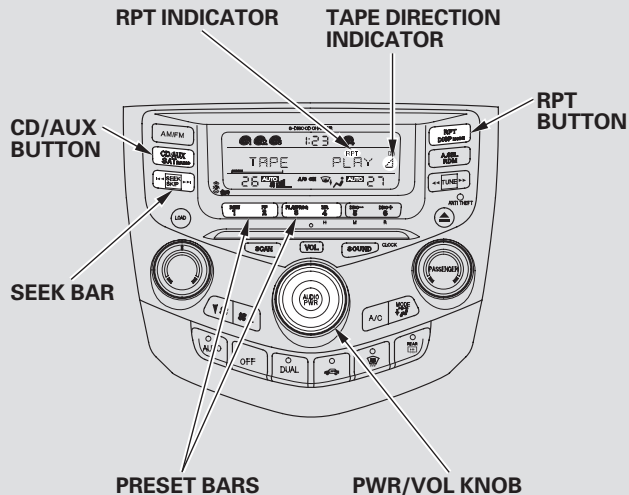
## EX, EX-V6 and LX-V6 Models without Navigation System



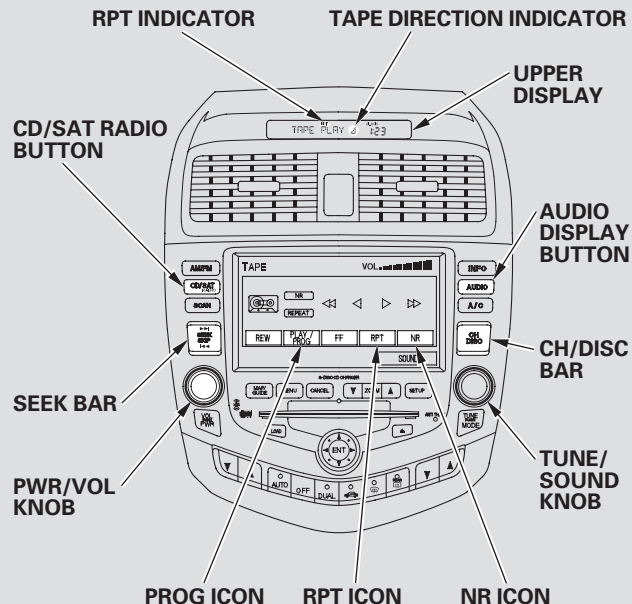
## EX, EX-V6 Models with Navigation System



## All U.S. EX Leather Interior Models without Navigation System



## All U.S. EX Leather Interior Models with Navigation System



### To Play a Tape

*Optional on all U.S. models*

The ignition switch must be in ACCESSORY (I) or ON (II). Make sure the open side of the tape is facing right, then insert the tape most of the way into the slot. The system will pull the tape in the rest of the way, and begin to play it.

The tape direction indicator will light to show you which side of the tape is playing. The ▲ indicates the side you inserted upward is now playing. If you want to play the other side, press the Preset 3 (PLAY/PROG) side of the preset bar or press the AUDIO DISPLAY button and touch the PROG icon. When the player reaches the end of the tape, it will automatically reverse direction and play the other side.

Dolby\* noise reduction turns on when you insert a tape. The

□□ indicator will light in the display. If the tape was not recorded in Dolby, turn it off by pressing the Preset 4 (NR) side of the preset bar or touching the NR icon. Dolby remains off until you press the preset bar or the icon again.

\*Dolby noise reduction manufactured under license from Dolby laboratories licensing Corporation. "Dolby" and the double-D symbol are trademarks of the Dolby Laboratories Licensing Corporation.

### To Stop Playing a Tape

To remove the tape, press the EJECT button on the cassette player. If you want to turn the player off, press the PWR/VOL knob or turn off the ignition. The tape will remain in the drive.

When you turn the system back on, the tape player will be in pause mode. Press the Preset 3 (PLAY/PROG) side of the preset bar or touch the PROG icon on vehicles with navigation system to resume play.

To switch to the radio or CD player while a tape is playing, press the AM/FM, or CD/AUX button or CD/SAT RADIO button. To change back to the tape player, push the CD/AUX button or CD/SAT RADIO button.

## Tape Search Functions

**FF/REW** — To rewind the tape, push the Preset 1 (REW) side of the preset bar or the upper side (▲) of the CH DISC bar. You will see REW in the display. To fast forward the tape, push the Preset 2 (FF) side of the preset bar. You will see FF displayed. Press the Preset 1, 2, or 3 side of the bars or the lower side (▼) of the CH DISC bar to take the system out of rewind or fast forward.

### *EX and EX-V6 with Navigation System*

**FF/REW** — To rewind the tape push the upper side (▲) of the CH DISC bar. To fast forward the tape, push the lower side (▼) of the CH DISC bar. Press either side of the PROG icon in the audio display to take the system out of rewind or fast forward.

**SKIP** — Press ◀◀ side to find the beginning of the current song or passage. Press ▶▶ side to find the beginning of the next song or passage. When the system reaches the beginning of a song or passage, it begins to play it.

**REPEAT** — Press the RPT button or icon to continuously play a song or passage. You will see RPT displayed. The track will repeat until you press the RPT button or icon again.

**NOTE:** The SKIP and REPEAT functions use silent periods on the tape to find the end of a song or passage. These features may not work if there is almost no gap between selections, a high noise level, or a silent period in the middle of a selection.

### *Vehicles with Navigation System*

If you see the error message “TAPE ERR” on the display, press the tape eject button to remove the tape from the unit. Make sure the tape is not damaged. If the tape will not eject or the error message stays on after the tape ejects, take your vehicle to your Honda dealer.

## Playing a Tape (U.S. Vehicles)

---

### Caring for the Tape and Player

The tape player picks up dirt and oxides from the tape. This contamination builds up over time and cause the sound quality to degrade. To prevent this, you should clean the player after every 30 hours of use.

If you do not clean the tape player regularly, it may eventually become impossible to remove the contamination with a normal cleaning kit. Your Honda dealer has a cleaning kit available.

Use 100-minute or shorter tapes. Tapes longer than that may break or jam the drive.

If the tape is loose, tighten it by turning the hub with a pencil or your finger. If the label is peeling off, remove it or it could cause the tape to jam in the player. Never try to insert a warped or damaged tape in the player.

Store tapes in their cases to protect them from dust and moisture. Never place tapes where they will be exposed to direct sunlight, high heat, or high humidity. If a tape is exposed to extreme heat or cold, let it reach a moderate temperature before inserting it into the player.

Never try to insert foreign object into the tape player.



## Satellite Digital Radio

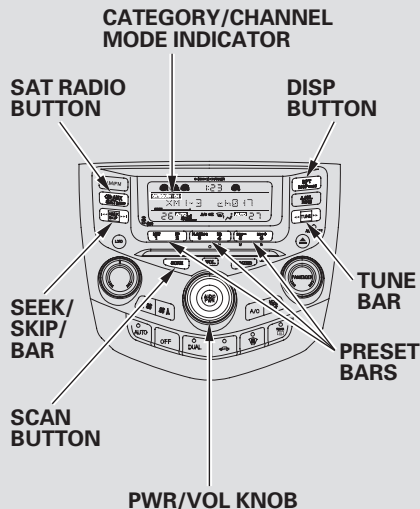
*EX-L and EX-V6 Models*

Your vehicle is capable of receiving XM™ Satellite Radio anywhere in the United States except Hawaii, Alaska, and Canada.

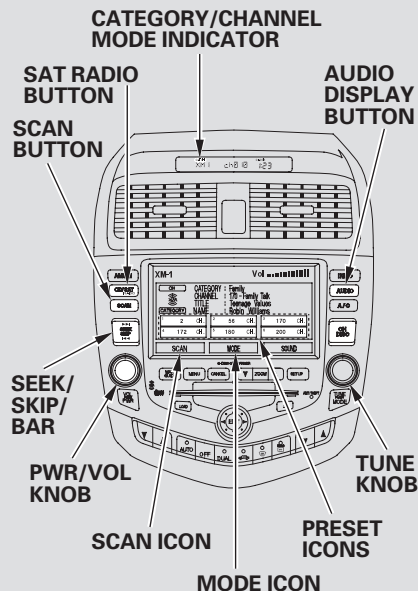
XM® is a registered trademark of XM Satellite Radio, Inc.

Satellite radio is available in U.S. models only.

**All U.S. EX-L and EX-V6 Models  
without Navigation System**



**All U.S. EX-L and EX-V6 Models  
with Navigation System**



## To Play XM™ Satellite Radio

The ignition must be in the ACCESSORY (I) or ON (II) position.

Turn the system on:

*Vehicles with Navigation System*

Push any of the following: PWR/VOL knob, the CD/SAT, or AUDIO button.

*Vehicles without Navigation System*

Push any of the following: PWR/VOL knob or the CD/SAT button.

Turn the PWR/VOL knob to adjust the volume.

## To Select a Channel

When in the satellite radio mode, you can use any of three methods to find channels: TUNE, SEEK/SKIP (CATEGORY), and SCAN.

## DISP —

*Vehicles with Navigation System*

Press and release this button to change the display. The display will change in the following sequence: channel name, channel number, category, artist name, and music title.

## TUNE —

*Vehicles with Navigation System*

Turn the TUNE knob to change channels. Turn the knob right for higher numbered channels and left for lower numbered channels.

*Vehicles without Navigation System*

Press the TUNE bar to change channel selections. Press ►► for higher numbered channels and ◀◀ for lower numbered channels.

**SEEK/SKIP (CATEGORY)**— The SEEK/SKIP function selects the various categories in XM, such as Jazz/Blues, Rock, Classical, etc. Push the ►► to change the category forward. Push the ◀◀ to change the category backward. To search for channels within a category, turn the TUNE knob clockwise or press the TUNE bar ►► .

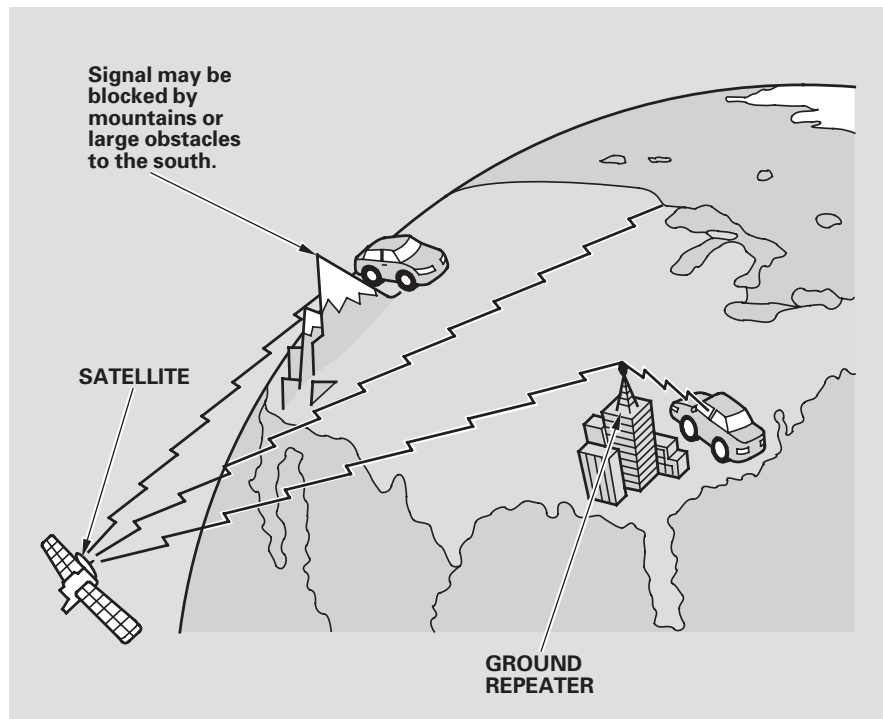
**SCAN** — The SCAN function samples all channels for 5 seconds. To activate the function, push the SCAN button. Push it again to get out of the sequence.

**Preset** — Each preset icon or button can store one channel in XM1 and one in XM2.

1. Push the SAT button, you will see XM1 or XM2.
2. Use the TUNE, SEEK or SCAN function to tune the radio to a desired channel.
3. Pick a preset icon or button and hold it until you hear a beep.
4. Repeat steps 1 to 3 to store a total of six stations on XM1 and XM2.

*For Vehicles with Navigation System*  
Once your XM channels are preset, pressing the CH DISC button will select your preset channels.

CONTINUED



## Satellite Radio Signals

Satellite radio receives signals from two satellites to produce clear, high-quality digital reception. It offers many channels in several categories. Along with a large selection of different types of music, satellite radio also allows you to view channel and category selections in the audio display.

The XM satellites are in orbit over the equator; therefore, objects south of the vehicle may cause satellite reception interruptions. To help compensate for this, ground-based repeaters are placed in major metropolitan areas. Satellite signals are more likely to be blocked by tall buildings and mountains the farther north you travel from the equator.

Depending on where you drive, you may experience reception problems. Interference can be caused by any of these conditions:

- Driving on an east/west road with a mountain on the south side of the road.
- Driving on the north side of a large commercial truck on an east/west road
- Driving in the tunnels
- Driving on a road beside a vertical wall, steep cliff or hill to the south of you
- Driving on the lower level of a multi-tiered road
- Driving on a single lane road alongside dense trees taller than 50 ft. (15 m) to the south of you

There may be other geographic situations that could affect satellite radio reception.

*As required by the FCC:*

*Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

## **Receiving Satellite Radio Service**

If your XM Radio service has expired or you purchased your vehicle from a previous owner, you can listen to a sampling of the broadcasts available on XM Satellite Radio. With the ignition switch in the ACCESSORY (I) or ON (II) position, push the PWR/VOL knob to turn on the audio system and press the CD/SAT button. A variety of music types and styles will play.

*CONTINUED*

If you decide to purchase XM Satellite Radio service, contact XM Radio at [www.xmradio.com](http://www.xmradio.com), or at 1-800-852-9696. You will need to give them your radio I.D. number and your credit card number.

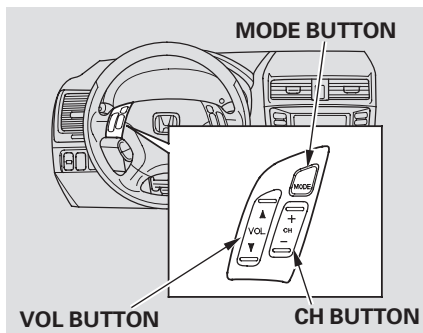
### **To get your XM Satellite radio ID number:**

Turn the TUNE knob until “0” appears in the display. Your ID number will appear in the display.

After you have registered with XM Radio, keep your audio system in the SAT Radio mode while you await activation. This should take about 30 minutes.

While awaiting activation, make sure your vehicle remains in an open area with good reception. Once your audio system is activated, “category” or “CH” will appear in the display and you will be able to listen to XM Radio broadcasts. XM Radio will continue to send an activation signal to your vehicle for at least 12 hours from activation request. If the service has not been activated after 36 hours, contact XM Radio.

*On all EX models and V6 models*



Three controls for the audio system are mounted in the steering wheel hub. These let you control basic functions without removing your hand from the wheel.

The VOL button adjusts the volume up (▲) or down (▼). Press the top or bottom of the button and hold it until the desired volume is reached, then release it.

The MODE button changes the mode. Pressing the button repeatedly selects FM1, FM2, AM, XM1, XM2, or CD (if a CD is loaded).

If you are listening to the radio, use the CH button to change station. Each time you press the button up (+) or down (–), the system goes to the next preset station on the band you are listening to.

If you are playing a CD, the system skips to the beginning of the next track each time you press the top (+) of the CH button. Press the bottom (–) to return to the beginning of the current track. Press it twice to return to the previous track. You will see the disc and track numbers in the display.

If you are playing a tape in the optional cassette player, press the top (+) of the CH button to advance to the next selection. Press the bottom (–) to go back to the previous selection. The system senses a silent period, then resumes playing.

## *On EX and EX-V6 models*

Your vehicle's audio system will disable itself if it is disconnected from electrical power for any reason. To make it work again, you must enter a specific five-digit code using the preset bars or the TUNE knob. Because there are hundreds of number combinations possible from the five-digit, making the system work without knowing the exact code is nearly impossible.

You should have received a card that lists your audio system code number and serial number. It is best to store this card in a safe place at home. In addition, you should write the audio system's serial number in this Owner's Manual.

If you should happen to lose the card, you must obtain the code number from a Honda dealer. To do this, you will need the system's serial number.

If your vehicle's battery is disconnected or goes dead, the audio system will disable itself. If this happens, you will see "CODE" in the frequency display the next time you turn on the system. Use the preset buttons to enter the five-digit code. The code is located on the radio code card included in your Owner's Manual kit. When it is entered correctly, the radio will start playing.

If your vehicle is equipped with a navigation system, press and release the TUNE knob; the number "0" appears on the display.

If "0" is the first digit in your code, press and release the TUNE knob to store it.

If "0" is not the first digit in your code, turn the TUNE knob left or right until the first digit is displayed. Press and release the TUNE knob to store it. Enter the remaining digits

the same way.

If you make a mistake entering the code, do not start over; complete the five-digit sequence, then enter the correct code. You have ten tries to enter the correct code. If you are unsuccessful in ten attempts, you must then leave the system on for 1 hour before trying again.

If the code card is lost, a Honda dealer can access your code with the your radio's serial number. To access the serial number, turn the radio on. It must display "CODE", then turn the radio off. Push the preset 1, preset 6, and power buttons at the same time, then quickly release.

You will have to store your favorite stations on each side of the preset bars (1 — 6) after the system begins working. Your original settings were lost when power was disconnected.

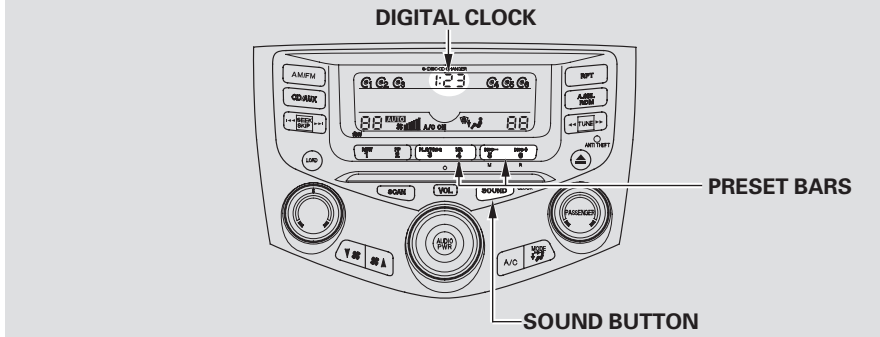


## *On models without Navigation System*

If your vehicle's battery is disconnected or goes dead, you will need to set the clock.

Press and hold the **SOUND** button. Change the hours by pressing the until you hear a beep. The displayed time begins to blink H (Preset 4) side of the bar until the numbers advance to the desired time. Change the minutes by pressing the M (Preset 5) side of the bar until the numbers advance to the desired time. When you are finished, press the **SOUND** button again to set the time.

## **EX, EX-V6 and LX-V6 Models without Navigation System shown**



You can quickly set the time to the nearest hour. Pressing and holding the **SOUND** button, then pressing the R (Preset 6) side of the bar sets the clock back to the previous hour. If the displayed time is after the half hour, the clock sets the clock forward to the beginning of the next hour.

For example:

- 1:06 would RESET to 1:00.
- 1:52 would RESET to 2:00.

## *On models with Navigation System*

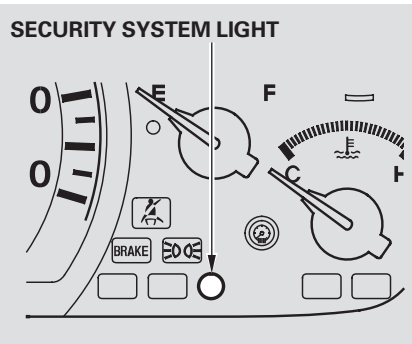
Refer to the Navigation System Owner's Manual to set up the time.

# Security System

*On EX, all V6, and Canadian LX-G models*

The security system helps to protect your vehicle and valuables from theft. The horn sounds and a combination of headlights, parking lights, side marker lights and taillights flashes if someone attempts to break into your vehicle or remove the radio. This alarm continues for two minutes, then the system resets. To reset an alarming system before the two minutes have elapsed, unlock either front door with the key or the remote transmitter.

The security system automatically sets 15 seconds after you lock the doors, hood, and trunk. For the system to activate, you must lock the doors from the outside with the key, lock tab, door lock switch, or remote transmitter. The security system light on the instrument panel starts blinking immediately to show you the system is setting itself.



Once the security system is set, opening any door (without using the key or the remote transmitter), the hood, or the trunk will cause it to sound. It also sounds if the radio is removed from the dashboard or the wiring is cut.

With the system set, you can still open the trunk with the master key or the remote transmitter without triggering the alarm. The alarm will sound if the trunk lock is forced, or the trunk is opened with the trunk release handle.

The security system will not set if the hood, trunk, or any door is not fully closed. If the system will not set, check the Door Monitor on the instrument panel (see page 61), to see if the doors and trunk are fully closed. Since it is not part of the monitor display, manually check the hood.

Do not attempt to alter this system or add other devices to it.

*Except for U.S. DX model*

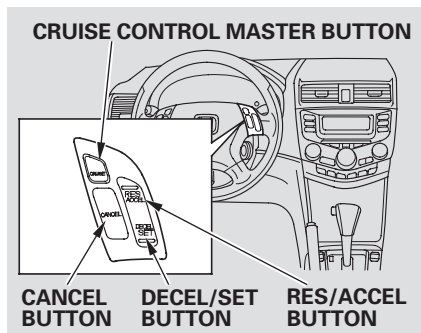
Cruise control allows you to maintain a set speed above 25 mph (40 km/h) without keeping your foot on the accelerator pedal. It should be used for cruising on straight, open highways. It is not recommended for city driving, winding roads, slippery roads, heavy rain, or bad weather.

## **⚠ WARNING**

Improper use of the cruise control can lead to a crash.

Use the cruise control only when traveling on open highways in good weather.

## Using the Cruise Control



1. Push in the Cruise Control Master Button on the steering wheel. The CRUISE MAIN light on the instrument panel comes on.
2. Accelerate to the desired cruising speed above 25 mph (40 km/h).

3. Press and release the DECEL/SET button on the steering wheel. The CRUISE CONTROL light on the instrument panel comes on to show the system is now activated.

# Cruise Control

---

The cruise control may not hold the set speed when you are going up and down hills. If your speed increases going down a hill, use the brakes to slow down. This will cancel the cruise control. To resume the set speed, press the RES/ACCEL button. The CRUISE CONTROL light on the instrument panel will come back on.

## Changing the Set Speed

You can increase the set cruising speed in any of these ways:

- Press and hold the RES/ACCEL button. When you reach the desired cruising speed, release the button.

- Push on the accelerator pedal. Accelerate to the desired cruising speed and press the DECEL/SET button.
- To increase your speed in very small amounts, tap the RES/ACCEL button. Each time you do this, your vehicle will speed up about 1 mph (1.6 km/h).

You can decrease the set cruising speed in any of these ways:

- Press and hold the DECEL/SET button. Release the button when you reach the desired speed.
- To slow down in very small amounts, tap the DECEL/SET button repeatedly. Each time you do this, your vehicle will slow down about 1 mph (1.6 km/h).

- Tap the brake or clutch pedal lightly with your foot. The CRUISE CONTROL light on the instrument panel will go out. When the car slows to the desired speed, press the DECEL/SET button.

Even with the cruise control turned on, you can still use the accelerator pedal to speed up for passing. After completing the pass, take your foot off the accelerator pedal. The vehicle will return to the set cruising speed.

Resting your foot on the brake or clutch pedal will cause the cruise control to cancel.

### **Cancelling the Cruise Control**

You can cancel the cruise control in any of these ways:

- Tap the brake or clutch pedal.
- Push the CANCEL button on the steering wheel.
- Press the Cruise Control Master Switch.

### **Resuming the Set Speed**

When you push the CANCEL button, or tap the brake or clutch pedal, the system will remember the previously-set cruising speed. To return to that speed, accelerate to above 25 mph (40 km/h) then press and release the RES/ACCEL button. The CRUISE CONTROL light comes on. The vehicle will accelerate to the same cruising speed as before.

Pressing the Cruise Control Master Switch turns the system off and erases the previous cruising speed.

# HomeLink Universal Transceiver

---

*On EX-V6 model*

The HomeLink® Universal Transceiver built into your vehicle can be programmed to operate up to three remote controlled devices around your home, such as garage doors, lighting, or home security systems.

## General Information

If you are training HomeLink to operate a garage door or gate, you should unplug the motor for that device during training. Repeatedly pressing the remote control button could burn out the motor.

HomeLink® is a registered trademark of Johnson Controls™.

The HomeLink Transceiver stores the code in a permanent memory. There should be no need to retrain HomeLink if your vehicle's battery goes dead or is disconnected.

If your garage door opener was manufactured before April 1982, you may not be able to program HomeLink Universal Transceiver to operate it. They do not have a safety feature that causes the motor to stop and reverse if an obstacle is detected during closing, increasing the risk of injury.

## Important Safety Precautions

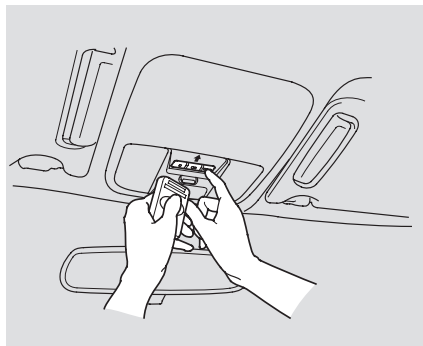
Always refer to the opening instructions and safety information that came with your garage door opener or other equipment you intend to operate with HomeLink opening. If you do not have this information, contact the manufacturer of the equipment.

## Training HomeLink

**Before you begin** — If you just received your vehicle and have not trained any of the buttons in HomeLink before, you should erase any previously learned codes before training the first button. To do this, press and hold the two outside buttons on HomeLink Transceiver for about 20 seconds, or until the red light flashes. Release the buttons, then proceed to Step 1.

If you are training the second or third buttons, go directly to Step 1.

1. Unplug the garage door opener motor from the house current.
2. Hold the end of the garage door opener remote control 2 to 5 inches from HomeLink. Make sure you are not blocking your view of the red light in HomeLink.



3. Press and hold the remote control button and one of the HomeLink buttons at the same time.

*CONTINUED*

*Canadian Owners:* The remote control you are training from may stop transmitting after two seconds. This is not enough for HomeLink to learn the code. Release and press the button on the remote control every two seconds until HomeLink has learned the code.

5. The red light in HomeLink should begin flashing. It will flash slowly at first, then rapidly.
6. When the red light flashes rapidly, release both buttons. HomeLink should have learned the code from the remote control.
7. Plug in the garage door opener motor, then test the HomeLink Transceiver button by pushing it.

If the button does not work, repeat this procedure to train it again. If it still does not work, you may have a variable or rolling code garage door opener. See if you do by pressing and holding the HomeLink transceiver button you just trained. If the red light blinks for two seconds, then stays on, you have a rolling code garage door opener. Go to “Training With a Rolling Code System”.

8. Repeat these steps to train the other two HomeLink buttons to operate any other remotely-controlled devices around your home (lighting, automatic gate, security system, etc.).

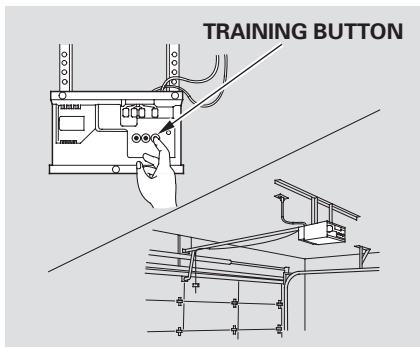
## **Training With a Rolling Code System**

For security purposes, newer garage door opening systems use a “rolling” or variable code. Information from the remote control and the garage door opener are needed before HomeLink can operate the garage door opener.

The “Training HomeLink” procedure trains HomeLink to the proper garage door opener code. The following procedure synchronizes HomeLink to the garage door opener so they send and receive the correct codes.



1. Make sure you have properly completed the “Training HomeLink” procedure.
2. Find the “Training” button on your garage door opener unit. The location will vary, depending on the manufacturer.



3. Press the Training button on the garage door opener unit until the light next to the button comes on, then release it. The light may blink, or come on and stay on. You then have approximately 30 seconds to complete the following steps.

4. Press and hold the button on HomeLink for 3 – 4 seconds.
5. Press and hold the HomeLink button again for 3 – 4 seconds. This should turn off the training light on the garage door opener unit. (Some systems may require you to press the button up to three times.)
6. Press the HomeLink button again. It should operate the garage door.

## Erasing Codes

To erase the codes stored in all three buttons, press and hold the two outside buttons until the red light begins to flash, then release the buttons.

You should erase all three codes before selling the vehicle.

## Retraining a Button

To train an already programmed transceiver button with a new device, you do not have to erase all the memory. Train the selected button over the existing memory code following the steps under **Training HomeLink**.

## Customer Assistance

If you have problems with training the HomeLink Wireless Control System, or would like information on home products that can be operated by the transmitter, call (800) 355-3515. On the Internet, go to [www.homelink.com](http://www.homelink.com).

*As required by the FCC:*

*This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

*Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

*This device complies with Industry Canada Standard RSS-210.*

*Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.*

Before you begin driving your Honda, you should know what gasoline to use, and how to check the levels of important fluids. You also need to know how to properly store luggage or packages. The information in this section will help you. If you plan to add any accessories to your vehicle, please read the information in this section first.

|                                  |     |
|----------------------------------|-----|
| Break-in Period .....            | 164 |
| Gasoline Type .....              | 164 |
| Service Station Procedures ..... | 165 |
| Refueling.....                   | 165 |
| Opening and Closing the          |     |
| Hood.....                        | 166 |
| Oil Check .....                  | 168 |
| Engine Coolant Check .....       | 169 |
| Fuel Economy .....               | 170 |
| Improving Fuel Economy .....     | 170 |
| Accessories.....                 | 171 |
| Modifications.....               | 172 |
| Modifying Your Vehicle.....      | 172 |
| Carrying Cargo .....             | 173 |
| Carrying Cargo in the Trunk ...  | 175 |
| Carrying Cargo in the            |     |
| Passenger Compartment .....      | 175 |

# Break-in Period, Gasoline Type

---

## Break-in Period

Help assure your vehicle's future reliability and performance by paying extra attention to how you drive during the first 600 miles (1,000 km). During this period:

- Avoid full-throttle starts and rapid acceleration.
- Do not change the oil until the scheduled maintenance time.
- Avoid hard braking for the first 200 miles (300 km).

You should also follow these recommendations with an overhauled or exchanged engine, or when the brakes are replaced.

## Gasoline Type

Your Honda is designed to operate on unleaded gasoline with a pump octane number of 86 or higher. Use of a lower octane gasoline can cause a persistent, heavy, metallic rapping noise in the engine that can lead to mechanical failure.

We recommend gasolines containing detergent additives that help prevent fuel system and engine deposits.

Using gasoline containing lead will damage your vehicle's emissions controls. This contributes to air pollution.

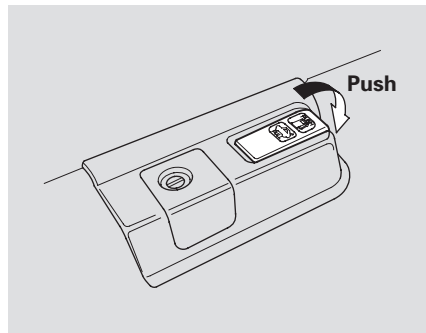
In addition, in order to maintain good performance, fuel economy, and emissions control, we strongly recommend, in areas where it is available, the use of gasoline that does NOT contain manganese-based fuel additives such as MMT.

Use of gasoline with these additives may adversely affect performance, and cause the Malfunction Indicator Lamp on your instrument panel to come on. If this happens, contact your authorized Honda dealer for service.

Some gasoline today is blended with oxygenates such as ethanol or MTBE. Your vehicle is designed to operate on oxygenated gasoline containing up to 10 percent ethanol by volume and up to 15 percent MTBE by volume. Do not use gasoline containing methanol.

For further important fuel-related information, please refer to your Quick Start Guide.

## Refueling

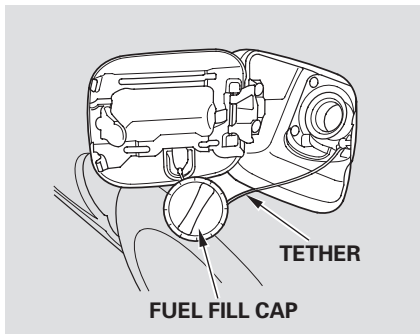


1. Park with the driver's side closest to the gas pump.
2. Open the fuel fill door by pulling on the handle to the left of the driver's seat.

### **WARNING**

Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks, and flames away.
- Handle fuel only outdoors.
- Wipe up spills immediately.



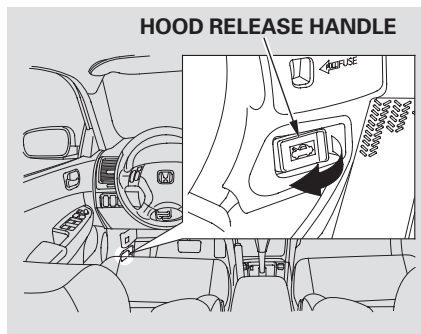
3. Remove the fuel fill cap slowly. You may hear a hissing sound as pressure inside the tank escapes. The fuel fill cap is attached to the fuel filler with a tether. Put the attachment on the fuel fill cap into the slit on the fuel fill door.
4. Stop filling the tank after the fuel nozzle automatically clicks off. Do not try to "top off" the tank. Leave some room for the fuel to expand with temperature changes.

*If the fuel nozzle keeps clicking off even though the tank is not full, there may be a problem with your vehicle's fuel vapor recovery system. The system helps keep fuel vapors from going into the atmosphere. Consult your dealer.*

*CONTINUED*

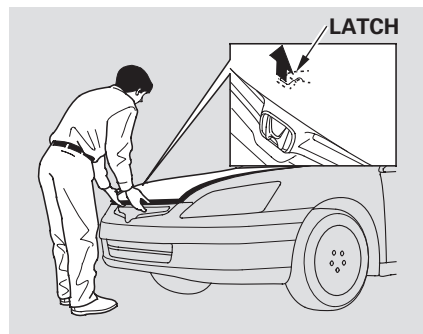
5. Screw the fuel fill cap back on until it clicks at least three times. If you do not properly tighten the cap, the Malfunction Indicator Lamp may come on (see page 260).
6. Push the fuel fill door closed until it latches.

## Opening and Closing the Hood



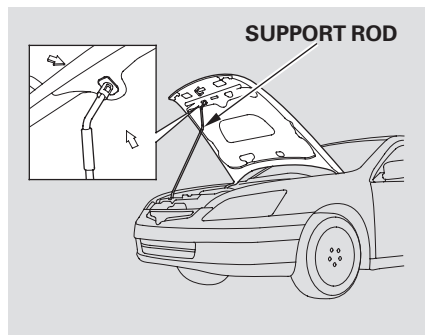
### To Open the Hood:

1. Park the vehicle, and set the parking brake. Pull the hood release handle located under the lower left corner of the dashboard. The hood will pop up slightly.



2. Put your fingers under the front edge of the hood to the right of the center. Slide your hand to the left until you feel the hood latch handle. Push this handle up to release it. Lift up the hood.

If the hood latch handle moves stiffly, or if you can open the hood without lifting the handle, the mechanism should be cleaned and lubricated.



### 3. 4-cylinder models

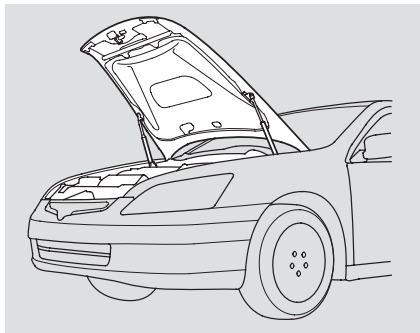
Pull the support rod out of its clip and insert the end into the hole on the front of the hood near the center.

#### To Close the Hood:

##### 4-cylinder models

Lift it up slightly to remove the support rod from the hole. Put the support rod back into its holding clip. Lower the hood to about a foot (30

cm) above the fender, then let it drop. Make sure it is securely latched.



##### 6-cylinder models

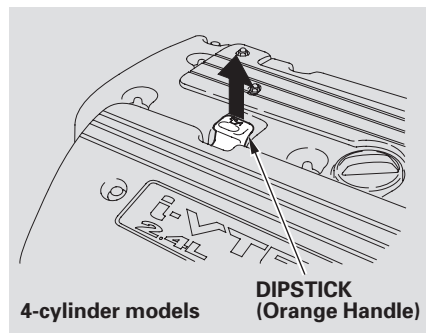
Lift the hood up most of the way. The hydraulic supports will lift it up the rest of the way and hold it up.

#### To Close the Hood:

Lower it to about a foot (30 cm) above the fender, then press down firmly with your hands. Make sure it

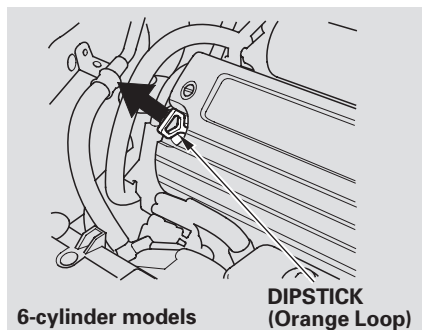
is securely latched.

## Oil Check

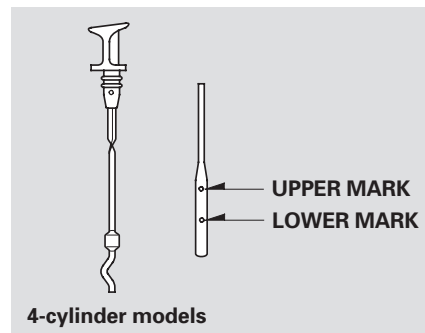


Wait a few minutes after turning the engine off before you check the oil.

1. Remove the dipstick.



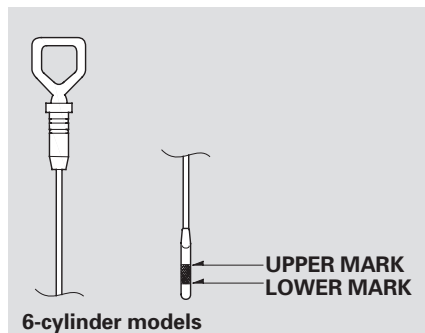
2. Wipe the dipstick with a clean cloth or paper towel.
3. Insert it all the way back in its hole.



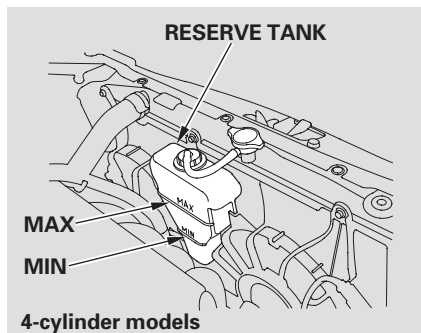
4. Remove the dipstick again and check the level. It should be between the upper and lower marks.

If it is near or below the lower mark, see **Adding Oil** on page [214](#).

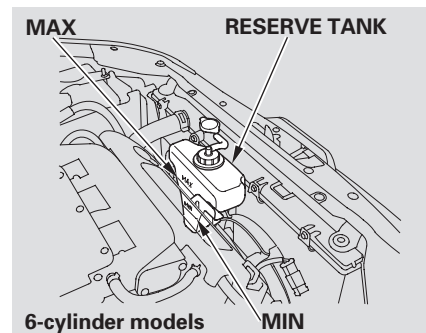




## Engine Coolant Check



Look at the coolant level in the radiator reserve tank. Make sure it is between the MAX and MIN lines. If it is below the MIN line, see **Adding Engine Coolant** on page 219 for information on adding the proper coolant.



Refer to **Owner's Maintenance Checks** on page 203 for information on checking other items in your Honda.

## Improving Fuel Economy

- Always maintain your vehicle according to the maintenance schedule. See **Owner's Maintenance Checks** (see page [203](#)).

*For example, an underinflated tire causes more “rolling resistance,” which uses fuel.*

The build-up of snow or mud on your vehicle's underside adds weight and rolling resistance. Frequent cleaning helps your fuel mileage and reduces the chance of corrosion.

- Drive moderately. Rapid acceleration, abrupt cornering and hard braking use more fuel.

- Always drive in the highest gear possible.
- Try to maintain a constant speed. Every time you slow down and speed up, your vehicle uses extra fuel. Use the cruise control when appropriate.
- Combine several short trips into one.
- The air conditioning puts an extra load on the engine which makes it use more fuel. Use the fresh-air ventilation when possible.

Modifying your vehicle, or installing some non-Honda accessories, can make your vehicle unsafe. Before you make any modifications or add any accessories, be sure to read the following information.

## Accessories

Your dealer has Honda accessories that allow you to personalize your vehicle. These accessories have been designed and approved for your vehicle, and are covered by warranty.

Although aftermarket accessories may fit on your vehicle, they may not meet factory specifications, and could adversely affect your vehicle's handling and stability (see "Modifications" on page 172 for additional information).

## WARNING

Improper accessories or modifications can affect your vehicle's handling, stability, and performance, and cause a crash in which you can be hurt or killed.

Follow all instructions in this owner's manual regarding accessories and modifications.

When properly installed, cellular phones, alarms, two-way radios, and low-powered audio systems should not interfere with your vehicle's computer controlled systems, such as the SRS and anti-lock brake system.

Before installing any accessory:

- Make sure the accessory does not obscure any lights, or interfere with proper vehicle operation or performance.
- Be sure electronic accessories do not overload electrical circuits (see page 265) or interfere with proper operation.
- Have the installer contact your Honda dealer for assistance before installing any electronic accessory.

## Modifying Your Vehicle

Removing parts from your vehicle, or replacing components with non-Honda (aftermarket) components could seriously affect your vehicle's handling, stability, and reliability.

Some examples are:

- Lowering the vehicle with an aftermarket suspension kit that significantly reduces ground clearance can allow the undercarriage to hit speed bumps or other raised objects, which could cause the airbags to deploy.
- Raising your vehicle with an aftermarket suspension kit can affect the handling and stability.
- Aftermarket wheels, because they are a universal design, can cause excessive stress on suspension components.

- Larger or smaller wheels and tires can interfere with the operation of your vehicle's anti-lock brakes and other systems.

Do not modify your steering wheel or any other part of your Supplemental Restraint System. Modifications could make the system ineffective. See the safety precautions on page 6 .

If you plan to modify your vehicle, consult your Honda dealer.

## Additional Safety Precautions

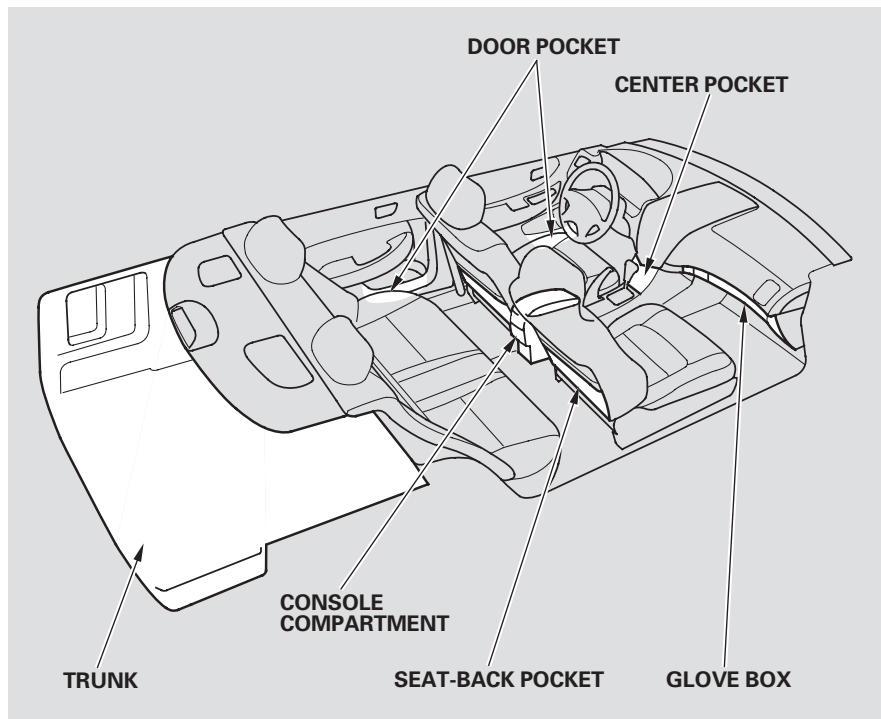
- **Do not attach or place objects on the front airbag covers.** Any object attached to or placed on the covers marked "SRS AIRBAG" in the center of the steering wheel and on top of the dashboard, could interfere with the proper operation of the airbags. Or, if the airbags inflate, the objects could be propelled inside the vehicle and

hurt someone.

*On models equipped with side airbags or side curtain airbags*

- **Do not attach hard objects on or near a front door.** If a side airbag or a side curtain airbag inflates, a cup holder or other hard object attached on or near the door could be propelled inside the vehicle and hurt someone.

- **Do not place any objects over or replace the outside edge of a front seat-back.** This could prevent the airbag from inflating properly.



Your vehicle has several convenient storage areas:

- Glove box
- Door and seat-back pockets
- Trunk, including the back seats when folded down
- Center pocket
- Console compartment (on some models)
- Roof-rack (if installed)

However, carrying too much cargo, or improperly storing it, can affect your vehicle's handling, stability, stopping distance, and tires, and make it unsafe. Before carrying any type of cargo, be sure to read the following pages.

*CONTINUED*

## WARNING

Overloading or improper loading can affect handling and stability and cause a crash in which you can be hurt or killed.

Follow all load limits and other loading guidelines in this manual.

The maximum load for your vehicle is 850 lbs (395 kg). This figure includes the total weight of all occupants, cargo, accessories, and the tongue weight if you are towing a trailer.

To determine the correct cargo and luggage load limit:

1. Locate the statement, “the combined weight of occupants and cargo should never exceed 850 lbs (395 kg)” on your vehicle’s placard (on the driver’s doorjamb).
2. Determine the combined weight of the driver and passengers that will be riding in the vehicle. (Five is seating capacity of your vehicle.)
3. Subtract the combined weight of the driver and passengers from 850 lbs (395 kg).
4. The resulting figure equals the available amount of cargo and luggage load capacity.

For example, if there will be four 150 lbs (70 kg) occupants in your vehicle, the amount of available cargo and luggage load capacity is 250 lbs (115 kg).

$4 \times 150 \text{ lbs (70 kg)} = 600 \text{ lbs (280 kg)}$

$850 \text{ lbs (395 kg)} - 600 \text{ lbs (280 kg)} = 250 \text{ lbs (115 kg)}$

5. Determine the combined weight of accessories, luggage, and cargo being loaded in the vehicle. The weight may not safely exceed the available cargo and luggage load capacity calculated in step 4 [250 lbs (115 kg) in this example].

6. If your vehicle will be towing a trailer, the load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

The total weight must not exceed the Gross Vehicle Weight Rating (GVWR). The load for the front and rear axles also must not exceed the Gross Axle Weight Rating (GAWR) (see page 195).

## Carrying Cargo in the Trunk

- Distribute cargo evenly on the floor of the trunk, placing the heaviest items on the bottom and as far forward as possible.
- If you fold down the back seat, tie down items that could be thrown about the vehicle during a crash or sudden stop.

- If you carry large items that prevent you from closing the trunk lid, exhaust gas can enter the passenger area. To avoid the possibility of **carbon monoxide poisoning**, follow the instructions on page 56 .

- If you carry any items on a roof rack, be sure the total weight of the rack and the items does not exceed 165 lbs (75 kg).

If you use an accessory roof rack, the roof rack weight limit may be lower. Refer to the information that came with your roof rack.

## Carrying Items in the Passenger Compartment

- Store or secure all items that could be thrown around and hurt someone during a crash.
- Be sure items placed on the floor behind the front seats cannot roll under the seats and interfere with the pedals or seat operation.
- Keep the glove box closed while driving. If it is open, a passenger could injure their knees during a crash or sudden stop.

This section gives you tips on starting the engine under various conditions, and how to operate the 5-speed manual and automatic transmissions. It also includes important information on parking your vehicle, the braking system, the Traction Control System, and facts you need if you are planning to tow a trailer.

|                                   |     |
|-----------------------------------|-----|
| Preparing to Drive .....          | 178 |
| Starting the Engine.....          | 179 |
| 5-speed Manual Transmission ..... | 180 |
| Recommended Shift Points.....     | 181 |
| Engine Speed Limiter .....        | 181 |
| Automatic Transmission.....       | 182 |
| Shift Lever Position              |     |
| Indicators.....                   | 182 |
| Shifting.....                     | 182 |
| Engine Speed Limiter .....        | 184 |
| Shift Lock Release.....           | 185 |
| Parking.....                      | 187 |
| Braking System.....               | 188 |
| Brake System Design.....          | 188 |
| Brake Wear Indicators.....        | 188 |
| Anti-lock Brakes (ABS) .....      | 189 |
| Activating the Anti-lock          |     |
| Brakes.....                       | 189 |
| ABS Indicator .....               | 189 |
| Traction Control System.....      | 191 |
| TCS ON/OFF Switch.....            | 192 |
| TCS Activation Indicator .....    | 192 |
| Towing a Trailer .....            | 194 |



## Preparing to Drive

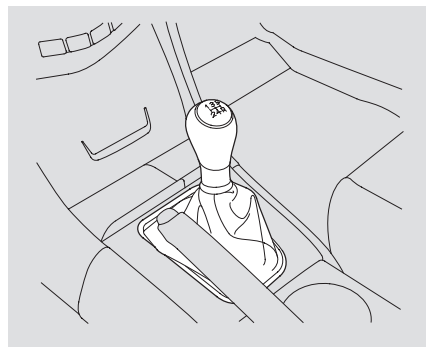
---

You should do the following checks and adjustments before you drive your vehicle.

1. Make sure all windows, mirrors, and outside lights are clean and unobstructed. Remove frost, snow, or ice.
2. Visually check the tires. If a tire looks low, use a gauge to check its pressure.
3. Check that any items you may be carrying are stored properly or fastened down securely.
4. Check the seat adjustment (see pages [92](#) and [93](#) ).
5. Check the adjustment of the inside and outside mirrors (see page [98](#) ).
6. Check the steering wheel adjustment (see page [78](#) ).
7. Make sure the doors are securely closed and locked.
8. Fasten your seat belt. Check that your passengers have fastened their seat belts (see page [15](#) ).
9. When you start the engine, check the gauges and indicator lights in the instrument panel (see page [61](#) ).

1. Apply the parking brake.
2. In cold weather, turn off all electrical accessories to reduce the drain on the battery.
3. *Manual Transmission:*  
Push the clutch pedal down all the way.  
  
*Automatic Transmission:*  
Make sure the shift lever is in Park. Press on the brake pedal.
4. Turn the ignition key to the START (III) position. Do not hold the key in START (III) for more than 15 seconds at a time. If the engine does not start right away, pause for at least 10 seconds before trying again.
5. If the engine does not start within 15 seconds, or starts but stalls right away, repeat step 4 with the accelerator pedal pressed halfway down. If the engine starts, release pressure on the accelerator pedal so the engine does not race.
6. If the engine fails to start, press the accelerator pedal all the way down and hold it there while starting to clear flooding. Return to step 5 if the engine does not start.

**NOTICE:** *The engine is harder to start in cold weather. Also, the thinner air found at altitudes above 8,000 feet (2,400 meters) adds to this problem.*



The manual transmission is synchronized in all forward gears for smooth operation. It has a lockout so you cannot shift directly from Fifth to Reverse. When shifting up or down, make sure you push the clutch pedal down all the way, shift to the next gear, and let the pedal up gradually. When you are not shifting, do not rest your foot on the clutch pedal. This can cause your clutch to wear out faster.

Come to a full stop before you shift into Reverse. You can damage the transmission by trying to shift into Reverse with the vehicle moving. Push down the clutch pedal, and pause for a few seconds before shifting into Reverse, or shift into one of the forward gears for a moment. This stops the gears so they won't "grind."

When slowing down, you can get extra braking from the engine by shifting to a lower gear. This extra braking can help you maintain a safe speed and prevent your brakes from overheating while going down a steep hill. Before downshifting, make sure engine speed will not go into the tachometer's red zone in the lower gear.

### **⚠ WARNING**

Rapid slowing or speeding-up can cause loss of control on slippery surfaces. If you crash, you can be injured.

Use extra care when driving on slippery surfaces.

**Recommended Shift Points**

Drive in the highest gear that lets the engine run and accelerate smoothly. This will give you the best fuel economy and effective emissions control. The following shift points are recommended:

| Shift up   | Normal acceleration |
|------------|---------------------|
| 1st to 2nd | 15 mph (25 km/h)    |
| 2nd to 3rd | 25 mph (40 km/h)    |
| 3rd to 4th | 40 mph (65 km/h)    |
| 4th to 5th | 50 mph (80 km/h)    |

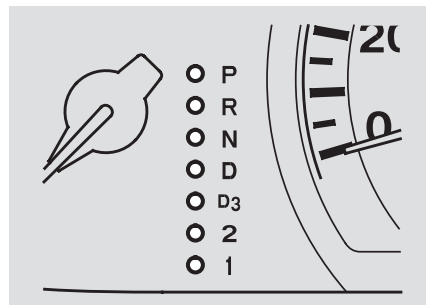
**Engine Speed Limiter**

If you exceed the maximum speed for the gear you are in, the engine speed will enter into the tachometer's red zone. If this occurs, you may feel the engine cut in and out. This is caused by a limiter in the engine's computer controls. The engine will run normally when you reduce the RPM below the red zone.

Before downshifting, make sure the engine will not go into the tachometer's red zone.

# Automatic Transmission

## Shift Lever Position Indicators

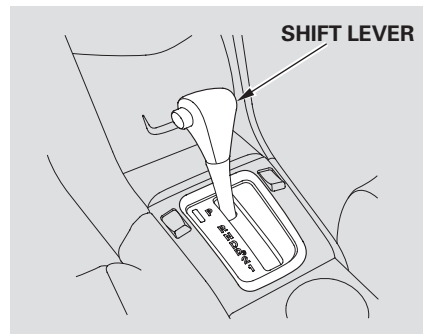


These indicators between the tachometer and speedometer show which position the shift lever is in.

The “D” indicator comes on for a few seconds when you turn the ignition switch to ON (II). If it flashes while driving (in any shift position), it indicates a possible problem in the transmission.

If the malfunction indicator lamp comes on along with the “D” indicator, there is a problem in the automatic transmission control system. Avoid rapid acceleration and have the transmission checked by a Honda dealer as soon as possible.

## Shifting



To shift from any position, press the release button on the side of the shift lever to move it. You cannot shift out of Park when the ignition switch is in LOCK (0) or ACCESSORY (I).

| To shift from:  | Do this:  |
|---|---|
| P to R  | Press the brake pedal and press the release button. |
| R to P<br>N to R<br>D3 to 2<br>2 to 1                                 | Press the release button.                           |
| 1 to 2<br>2 to D3<br>D3 to D<br>D to N<br>D to D3<br>N to D<br>R to N | Move the lever.                                     |

**Park (P)** — This position mechanically locks the transmission. Use Park whenever you are turning off or starting the engine. To shift out of Park, you must press on the brake pedal and have your foot off the accelerator pedal. Press the release button on the side of the shift lever to move it.

If you have done all of the above and still cannot move the lever out of Park, see **Shift Lock Release** on page [185](#).

You must also press the release button to shift into Park. To avoid transmission damage, come to a complete stop before shifting into Park. The shift lever must be in Park before you can remove the key from the ignition switch.

**Reverse (R)** — Press the brake pedal and press the release button to shift from Park to Reverse. To shift from Reverse to Neutral, come to a complete stop and then shift.

**Neutral (N)** — Use Neutral if you need to restart a stalled engine, or if it is necessary to stop briefly with the engine idling. Shift to the Park position if you need to leave your vehicle for any reason. Press on the brake pedal when you are moving the shift lever from Neutral to another gear.

**Drive (D)** — Use this position for your normal driving. The transmission automatically selects a suitable gear for the vehicle speed and acceleration. You may notice the transmission shifting up at higher speeds when the engine is cold. This helps the engine warm up faster.

**Drive (D3)** — This position is similar to D, except only the first three gears are selected instead of all five. Use D3 when towing a trailer in hilly terrain, or to provide engine braking when going down a steep hill. D3 can also keep the transmission from cycling between third and fourth gears in stop-and-go driving.

*CONTINUED*

**Second (2)** — This position locks the transmission in second gear. It does not downshift to first gear when you come to a stop.

Use Second gear:

- For more power when climbing.
- To increase engine braking when going down steep hills.
- For starting out on a slippery surface or in deep snow.
- To help reduce wheel spin.
- When driving downhill with a trailer.

**First (1)** — To shift from Second to First, press the release button on the side of the shift lever. With the lever in this position, the transmission locks in First gear. By upshifting and downshifting through 1, 2, D3, and D, you can operate this transmission much like a manual transmission without a clutch pedal.

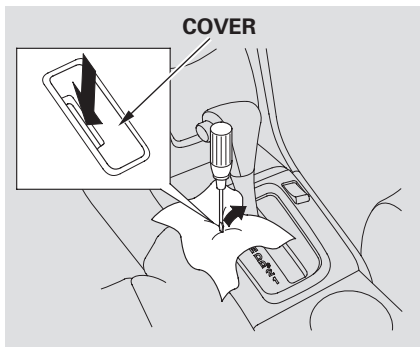
## Engine Speed Limiter

If you exceed the maximum speed for the gear you are in, the engine speed will enter into the tachometer's red zone. If this occurs, you may feel the engine cut in and out. This is caused by a limiter in the engine's computer controls. The engine will run normally when you reduce the RPM below the red zone.

## Shift Lock Release

This allows you to move the shift lever out of Park if the normal method of pushing on the brake pedal and pressing the release button does not work.

1. Set the Parking brake.
2. Remove the key from the ignition switch.

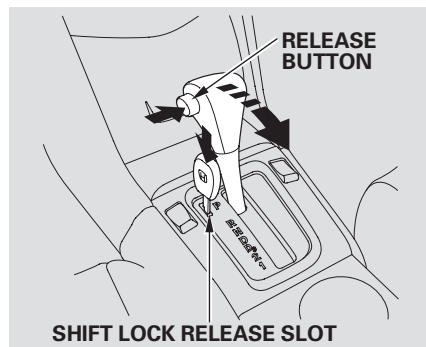


3. Put a cloth on the edge of the Shift Lock Release slot cover next to the shift lever. Use a small flat-tipped screwdriver or finger nail to remove the cover. Carefully pry off the edge of the cover.

4. Insert the key in the Shift Lock Release slot.

*CONTINUED*





If you need to use the Shift Lock Release, it means your vehicle is developing a problem. Have the vehicle checked by a Honda dealer.

5. Push down on the key while you press the release button on the shift lever and move the shift lever out of Park to Neutral.
6. Remove the key from the Shift Lock Release slot, then reinstall the cover. Make sure the notch on the cover is on the left side. Depress the brake pedal and restart the engine.

Always use the parking brake when you park your vehicle. Make sure the parking brake is set firmly or your vehicle may roll if it is parked on an incline.

If your vehicle has an automatic transmission, set the parking brake before you put the transmission in Park. This keeps the vehicle from moving and putting pressure on the parking mechanism in the transmission.

If your vehicle has a manual transmission, put it in first gear.

## Parking Tips

- Make sure the moonroof (if equipped) and the windows are closed.
- Turn off the lights.
- Place any packages, valuables, etc., in the trunk or take them with you.
- Lock the doors with the key or the remote transmitter.  
*On EX, LX-V6, and Canadian LX-G models*  
Check the indicator on the instrument panel to verify that the security system is set.
- Never park over dry leaves, tall grass, or other flammable materials. The hot three way catalytic converter could cause these materials to catch on fire.

- If the vehicle is facing uphill, turn the front wheels away from the curb. If your vehicle has a manual transmission, put it in first gear.
- If the vehicle is facing downhill, turn the front wheels toward the curb. If your vehicle has a manual transmission, put it in reverse gear.
- Make sure the parking brake is fully released before driving away. Driving with the parking brake partially set can overheat or damage the rear brakes.

# Braking System

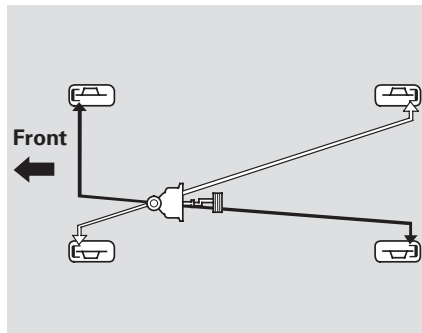
Your Honda is equipped with disc brakes. The brakes on the rear wheels may be disc or drum, depending on the model. A power assist helps reduce the effort needed on the brake pedal. The ABS helps you retain steering control when braking very hard.

Resting your foot on the pedal keeps the brakes applied lightly, builds up heat, and reduces their effectiveness. It also keeps your brake lights on all the time, confusing drivers behind you.

Constant application of the brakes when going down a long hill builds up heat and reduces their effectiveness. Use the engine to assist the brakes by taking your foot off the accelerator and downshifting to a lower gear.

Check the brakes after driving through deep water. Apply the brakes moderately to see if they feel normal. If not, apply them gently and frequently until they do. Be extra cautious in your driving.

## Braking System Design



The hydraulic system that operates the brakes has two separate circuits. Each circuit works diagonally across the vehicle (the left-front brake is connected with the right-rear brake, etc.). If one circuit should develop a problem, you will still have braking at two wheels.

## Brake Wear Indicators

If the brake pads need replacing, you will hear a distinctive, metallic screeching sound when you apply the brake pedal. If you do not have the brake pads replaced, they will screech all the time. It is normal for the brakes to occasionally squeal or squeak when you apply them.

### **Anti-lock Brakes (ABS)**

The Anti-lock Brake System (ABS) helps prevent the brakes from locking up and helps you retain steering control by pumping the brakes rapidly, much faster than a person can do it.

The ABS also balances the front-to-rear braking distribution according to vehicle loading.

*You should never pump the brake pedal; this defeats the purpose of the ABS. Let the ABS work for you by always keeping firm, steady pressure on the brake pedal as you steer away from the hazard. This is sometimes referred to as “stomp and steer.”*

### **Activating the Anti-lock Brakes**

You will feel a pulsation in the brake pedal when the ABS activates, and you may hear some noise. This is normal: it is the ABS rapidly pumping the brakes. On dry pavement, you will need to press on the brake pedal very hard before the ABS activates. However, you may feel the ABS activate immediately if you are trying to stop on snow or ice.

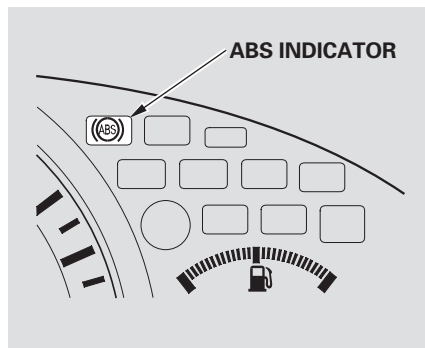
### **ABS Indicator**

If the ABS indicator comes on, the anti-lock function of the braking system has shut down. The brakes still work like a conventional system, but without anti-lock. You should have the dealer inspect your vehicle as soon as possible.

If the ABS indicator and the brake system indicator come on together and the parking brake is fully released, the front-to-rear braking distribution system may also be shut down.

*CONTINUED*

# Anti-lock Brakes (ABS)



Test your brakes as instructed on page 262. If the brakes feel normal, drive slowly and have your vehicle repaired by your Honda dealer as soon as possible. Avoid sudden hard braking which could cause the rear wheels to lock up and possibly lead to a loss of control.

## *Important Safety Reminders*

**ABS does not reduce the time or distance it takes to stop the vehicle.** It only helps with the

steering control during braking.

**ABS will not prevent a skid that results from changing direction abruptly**, such as trying to take a corner too fast or making a sudden lane change. Always drive at a safe speed for the road and weather conditions.

**ABS cannot prevent a loss of stability.** Always steer moderately when you are braking hard. Severe or sharp steering wheel movement can still cause your vehicle to veer into oncoming traffic or off the road.

**A vehicle with ABS may require a longer distance to stop** on loose or uneven surfaces, such as gravel or snow, than a vehicle without anti-lock. Slow down and allow a greater distance between vehicles under those conditions.

If the ABS indicator and the brake system indicator come on together and the parking brake is fully released, the front-to-rear braking distribution system may also be shut down.

Test your brakes as instructed on page 262. If the brakes feel normal, drive slowly and have your vehicle repaired by your Honda dealer as soon as possible. Avoid sudden hard braking which could cause the rear wheels to lock up and possibly lead to a loss of control.

## *On all V6 models*

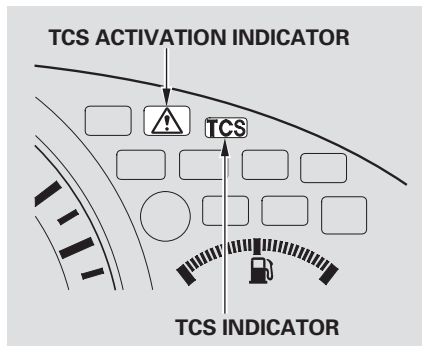
The TCS indicator will come on along with the ABS indicator.

*On LX-V6 and EX-V6 models*

Your Honda is equipped with a Traction Control System (TCS) to assist you in maintaining traction while driving slowly on loose or slippery surfaces.

TCS monitors the speed of all four wheels. When it senses a front wheel losing traction, it applies braking to that wheel. The TCS Activation indicator flashes when this occurs.

Driving with TCS requires no special skills or technique. The TCS does not control your vehicle's whole braking system and cannot prevent skidding if you enter a corner too fast. It is still your responsibility to drive at reasonable speeds and to leave a sufficient margin of safety.



When starting out or driving on a loose or slippery road surface, you may notice that the vehicle does not respond to the accelerator in the same way it does at other times. This is a sign TCS is activating. You will see the TCS Activation indicator light flash.

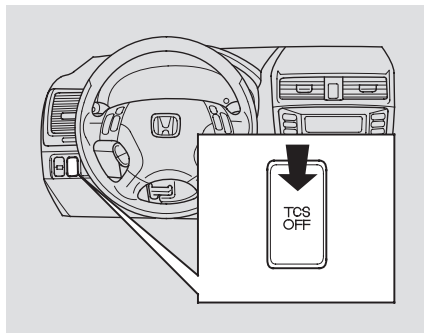
The TCS indicator (see page [64](#)) and the TCS Activation indicator come on and stay on when there is a problem with the TCS.

You should still install winter tires on your vehicle during the winter. Make sure to use the same size originally supplied with the vehicle. Exercise the same caution in winter driving as you would if your vehicle was not equipped with TCS.

Driving with the compact spare tire installed (see page [248](#)) may activate the TCS. You should turn off the system.

# Traction Control System

## TCS ON/OFF Switch



This switch is under the side vent. It lets you turn the Traction Control System on and off. You cannot turn off the TCS while the TCS Activation light is flashing.

Deactivate the system by pressing the TCS On/Off switch. The TCS Activation indicator comes on as a reminder. Pressing the switch again turns the system back on.

The Traction Control System turns on every time you start the engine, even if you turned it off the last time you drove the vehicle.

## TCS Activation Indicator

The TCS indicator comes on or flashes under the following conditions:

- When you turn the ignition switch to ON (II).
- When you manually turn off TCS.
- It flashes when TCS is regulating wheelspin.
- If the system's diagnostics senses a problem with TCS, the indicator will come on and stay on along with the TCS indicator.

If the TCS indicator comes on while driving, pull to the side of the road when it is safe and turn off the engine. Reset the system by re-starting the engine, and watch the TCS indicator. If the indicator remains on, or comes back on while driving, have the TCS inspected by your Honda dealer. You can still drive the vehicle without TCS.

The TCS indicator may occasionally come on for one or two seconds and then go out. This is normal.

This indicator will come on along with the ABS indicator if there is a problem in the anti-lock brake system (see **ABS Indicator** on page [189](#) ).

If the TCS indicator comes on along with the Brake System indicator, it indicates a problem in the brake system (see **Brake System Indicator** on page [62](#) ).



# Towing a Trailer

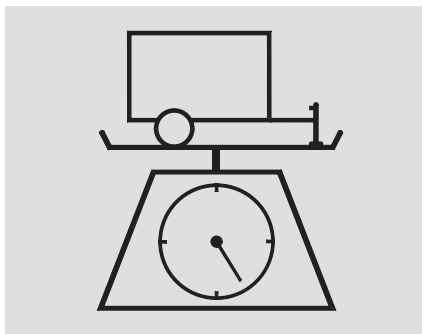
To safely tow a trailer, you should observe the load limits, use the proper equipment, and follow the guidelines in this section.

## ⚠️ WARNING

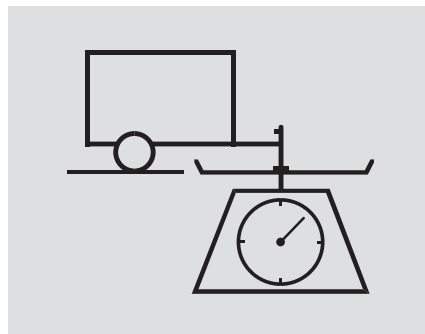
Exceeding any load limit or improperly loading your vehicle and trailer can cause a crash in which you can be seriously hurt or killed.

Check the loading of your vehicle and trailer carefully before starting to drive.

## Load Limits



**Total Trailer Weight:** The total weight of the trailer and everything loaded in it must not exceed 1,000 lbs (450 kg). Towing a load that is too heavy can seriously affect your vehicle's handling and performance. It can also damage the engine and drivetrain.



**Tongue Load:** The weight that the tongue of a fully-loaded trailer puts on the hitch should be approximately 10 percent of the trailer weight. Too little tongue load can make the trailer unstable and cause it to sway. Too much tongue load reduces front-tire traction and steering control.

To achieve a proper tongue load, start by loading 60 percent of the load toward the front of the trailer and 40 percent toward the rear, then re-adjust the load as needed.

- **Gross Vehicle Weight Rating (GVWR):**

The total weight of the vehicle, all occupants, all cargo, and the tongue load must not exceed:

*4-cylinder models:*

(DX, LX)

4,080 lbs (1,850 kg)

(EX, EX-L)

4,125 lbs (1,870 kg)

*6-cylinder models:*

4,300 lbs (1,950 kg)

- **Gross Axle Weight Rating (GAWR):**

The total weight of the vehicle, all occupants, all cargo, and the tongue load must not exceed:

*4-cylinder models:*

(DX, LX)

2,195 lbs (995 kg)

on the front axle

1,960 lbs (890 kg)

on the rear axle

(EX, EX-L)

2,225 lbs (1,010 kg)

on the front axle

1,985 lbs (900 kg)

on the rear axle

*6-cylinder models:*

2,360 lbs (1,070 kg)

on the front axle

2,005 lbs (910 kg)

on the rear axle

- **Checking Loads**

The best way to confirm that vehicle and trailer weights are within limits is to have them checked at public scale.

Using a suitable scale or a special tongue load gauge, check the tongue load the first time you set up a towing combination (a fully-loaded vehicle and trailer), then recheck the tongue load whenever the conditions change.

- **Safety Chains**

Always use safety chains. Make sure they are secured to both the trailer and hitch, and that they cross under the tongue so they can catch the trailer if it becomes unhitched. Leave enough slack to allow the trailer to turn corners easily, but do not let chains drag on the ground.

# Towing a Trailer

---

## **Towing Equipment and Accessories**

Towing can require a variety of equipment, depending on the size of your trailer, how it will be used, and how much load you are towing.

Discuss your needs with your trailer sales or rental agency, and follow the guidelines in the rest of this section. Also make sure that all equipment is properly installed and that it meets federal, state, province, and local regulations.

### ***Hitches***

Any hitch used on your vehicle must be properly bolted to the underbody.

### ***Trailer Brakes***

Honda recommends that any trailer having a total weight of 1,000 lbs (450 kg) or more be equipped with its own electric or surge-type brakes.

If you choose electric brakes, be sure they are electrically actuated. Do not attempt to tap into your vehicle's hydraulic system. No matter how successful it may seem, any attempt to attach trailer brakes to your vehicle's hydraulic system will lower braking effectiveness and create a potential hazard.

See your trailer dealer for more information on installing electric brakes.

### ***Trailer Lights***

Trailer lights and equipment must comply with federal, state, and local regulations. Check with your local recreational vehicle dealer for the requirements in your area, and use

only equipment designed for your vehicle.

Since lighting and wiring vary by trailer type and brand, you should have a qualified technician install a suitable connector between the vehicle and the trailer. Improper equipment or installation can cause damage to your vehicle's electrical system and affect your vehicle warranty.

### ***Additional Trailer Equipment***

Many states and Canadian provinces require special outside mirrors when towing a trailer. Even if they don't, you should install special mirrors if you cannot clearly see behind you, or if the trailer creates a blind spot.

Ask your trailer sales or rental agency if any other items are recommended or required for your towing situation.

## Pre-Tow Checklist

When preparing to tow, and before driving away, be sure to check the following:

- The vehicle has been properly serviced, and the tires, brakes, suspension, and cooling system are in good operating condition.
- All weights and loads are within limits (see pages 194 and 195).
- The hitch, safety chains, and any other attachments are secure.
- All items on and in the trailer are properly secured and cannot shift while you drive.
- The lights and brakes on your vehicle and the trailer are working properly.

- Your vehicle tires and spare are properly inflated (see page 238), and the trailer tires and spare are trailer maker.

## Handling Crosswinds and Buffeting

Crosswinds and air turbulence caused by passing trucks can disrupt your steering and cause trailer swaying. When being passed by a large vehicle, keep a constant speed and steer straight ahead. Do not try to make quick steering or braking corrections.

## Backing Up

Always drive slowly and have someone guide you when backing up. Grip the *bottom* of the steering wheel; then turn the wheel to the left to get the trailer to move to the left, and turn the wheel right to move the trailer to the right.

## Parking

Follow all normal precautions when parking, including firmly setting the parking brake and putting the transmission in Park (automatic) or in 1st or Reverse (manual). Also, place wheel chocks at each of the trailer's tires.

## **Driving Safely With a Trailer**

The added weight, length, and height of a trailer will affect your vehicle's handling and performance, so driving with a trailer requires some special driving skills and techniques.

For your safety and the safety of others, take time to practice driving maneuvers before heading for the open road, and follow the guidelines below.

## ***Towing Speeds and Gears***

Drive slower than normal in all driving situations, and obey posted speed limits for vehicles with trailers. If you have an automatic transmission, use D position when towing a trailer on level roads. D3 is the proper shift lever position to use when towing a trailer in hilly terrain. (See “***Driving on Hills***” in the next column for additional gear information.)

## ***Making Turns and Braking***

Make turns more slowly and wider than normal. The trailer tracks a smaller arc than your vehicle, and it can hit or run over something the vehicle misses. Allow more time and distance for braking. Do not brake or turn suddenly as this could cause the trailer to jackknife or turn over.

## ***Driving on Hills***

When climbing hills, closely watch your temperature gauge. If it nears the red (Hot) mark, turn the air conditioning off, reduce speed and, if necessary, pull to the side of the road to let the engine cool.

If the automatic transmission shifts frequently while going up a hill, shift to D3.

If you must stop when facing uphill, use the foot brake or parking brake. Do not try to hold the vehicle in place by pressing on the accelerator, as this can cause the automatic transmission to overheat.

When driving down hills, reduce your speed and shift down to 2nd gear. Do not “ride” the brakes, and remember it will take longer to slow down and stop when towing a trailer.

This section explains why it is important to keep your vehicle well maintained and how to follow basic maintenance safety precautions.

This section also includes Maintenance Schedules for normal driving and severe driving conditions, a Maintenance Record, and instructions for simple maintenance tasks you may want to take care of yourself.

If you have the skills and tools to perform more complex maintenance tasks on your Honda, you may want to purchase the Service Manual. See page 291 for information on how to obtain a copy, or see your Honda dealer.

|                                  |     |                              |     |
|----------------------------------|-----|------------------------------|-----|
| Maintenance Safety.....          | 200 | Timing Belt.....             | 227 |
| Maintenance Schedule.....        | 201 | Hood Latch.....              | 227 |
| Servicing Your Vehicle .....     | 202 | Lights .....                 | 228 |
| Owner's Maintenance              |     | Replacing Bulbs .....        | 228 |
| Checks .....                     | 203 | Seat Belt.....               | 235 |
| 4-cylinder Models .....          | 204 | Floor Mats.....              | 235 |
| 6-cylinder Models .....          | 206 | Dust and Pollen Filter ..... | 235 |
| Maintenance Record .....         | 208 | Wiper Blades.....            | 236 |
| Fluid Locations.....             | 212 | Tires .....                  | 238 |
| Adding Engine Oil .....          | 214 | Inflation.....               | 238 |
| Recommended Engine Oil.....      | 214 | Tire Inspection.....         | 240 |
| Synthetic Oil.....               | 215 | Tire Maintenance .....       | 240 |
| Engine Oil Additives .....       | 215 | Tire Rotation .....          | 241 |
| Changing the Oil and Filter..... | 216 | Replacing Tires.....         | 241 |
| Windshield Washers .....         | 218 | Wheels and Tires.....        | 242 |
| Engine Coolant.....              | 219 | Winter Driving.....          | 242 |
| Adding Engine Coolant.....       | 219 | Snow Tires.....              | 242 |
| Transmission Fluid.....          | 221 | Tire Chains.....             | 243 |
| Automatic                        |     | Checking Your Battery .....  | 244 |
| Transmission.....                | 221 | Vehicle Storage.....         | 246 |
| 5-speed Manual                   |     |                              |     |
| Transmission.....                | 224 |                              |     |
| Brake and Clutch Fluid.....      | 225 |                              |     |
| Brake Fluid.....                 | 225 |                              |     |
| Clutch Fluid.....                | 226 |                              |     |
| Power Steering Fluid.....        | 226 |                              |     |

All service items not detailed in this section should be performed by a Honda technician or other qualified mechanic.

## Important Safety Precautions

To eliminate potential hazards, read the instructions before you begin, and make sure you have the tools and skills required.

- Make sure your vehicle is parked on level ground, the parking brake is set, and the engine is off.
- To clean parts, use a commercially available degreaser or parts cleaner, not gasoline.
- To reduce the possibility of fire or explosion, keep cigarettes, sparks, and flames away from the battery and all fuel-related parts.
- Wear eye protection and protective clothing when working near the battery or when using compressed air.

## WARNING

Improperly maintaining this vehicle or failing to correct a problem before driving can cause a crash in which you can be seriously hurt or killed.

Always follow the inspection, maintenance recommendations, and schedules in this owner's manual.

## Potential Vehicle Hazards

- **Carbon Monoxide poison from engine exhaust.** Be sure there is adequate ventilation whenever you operate the engine.
- **Burns from hot parts.** Let the engine and exhaust system cool before touching any parts.
- **Injury from moving parts.** Do not run the engine unless instructed to do so.

## WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in this owner's manual.

Some of the most important safety precautions are given here. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

The maintenance schedule assumes you will use your vehicle as normal transportation for passengers and their possessions. You should also follow these recommendations:

- Avoid exceeding your vehicle's load limit. This puts excess stress on the engine, brakes, and many other vehicle parts. The load limit is shown on the tire information label on the driver's doorjamb.
- Operate your vehicle on reasonable roads within the legal speed limit.
- Drive your vehicle regularly over a distance of several miles (kilometers).
- Always use unleaded gasoline with the proper octane rating (see page [164](#)).

## Which Schedule to Follow

Service your vehicle according to the time and mileage periods on one of the Maintenance Schedules on the following pages.

**U.S. Owners** — Follow the Maintenance Schedule for Severe Conditions if you drive your vehicle **MAINLY** under one or more of the following conditions.

- Driving less than 5 miles (8 km) per trip or, in freezing temperatures, driving less than 10 miles (16 km) per trip.
- Driving in extremely hot [over 90°F (32°C)] conditions.
- Used primarily as a delivery vehicle or taxi that is driven mostly in stop-and-go traffic and/or parked with the engine idling.

- Trailer towing, driving with a roof top carrier, or driving in mountainous conditions.
- Driving on muddy, dusty, or de-iced roads.

**NOTE:** If you only *OCCASIONALLY* drive under a “severe” condition, you should follow the Normal Conditions Maintenance Schedule.

**Canadian Owners** — Follow the Maintenance Schedule for Severe Conditions.



# Maintenance Schedule

---

## Servicing Your Vehicle

Your authorized Honda dealer knows your vehicle best and can provide competent, efficient service. However, service at a dealer is not mandatory to keep your warranties in effect. Maintenance may be done by any qualified service facility or skilled person to keep your warranties in effect. Keep all the receipts as proof of completion, and have the person who does the work fill out the Maintenance Record. Check your warranty booklet for more information.

We recommend the use of Honda parts and fluids whenever you have maintenance done.

**U.S. Vehicles:** Maintenance, replacement, or repair of emissions control devices and systems may be done by any automotive repair establishment or individual using parts that are “certified” to EPA standards.

According to state and federal regulations, failure to perform maintenance on the items marked with # will not void your emissions warranties. However, Honda recommends that all maintenance services be performed at the recommended time or mileage period to ensure long-term reliability.

## Owner's Maintenance Checks

You should check the following items at the specified intervals. If you are unsure of how to perform any check, turn to the appropriate page listed.

- Engine oil level — Check every time you fill the fuel tank. See page [168](#).
- Engine coolant level — Check the radiator reserve tank every time you fill the fuel tank. See page [169](#).
- Automatic transmission — Check the fluid level monthly. See pages [221](#) — [224](#).
- Brakes — Check the fluid level monthly. See page [225](#).
- Tires — Check the tire pressure monthly. Examine the tread for wear and foreign objects. See page [238](#).
- Lights — Check the operation of the headlights, parking lights, taillights, high-mount brake light, and license plate lights monthly.

## 4-cylinder Models

| Service the items listed at the indicated distance (or time, if given).   |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
|---|--|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | miles x 1,000  | 10 | 20 | 30 | 40 | 50 | 60 | 70  | 80  | 90  | 100 | 110 | 120 | 130 | 140 | 150 |
|   | km x 1,000   | 16 | 32 | 48 | 64 | 80 | 96 | 112 | 128 | 144 | 160 | 176 | 192 | 208 | 224 | 240 |
| Check engine oil and coolant  | Check oil and coolant at each fuel stop  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Check tires   | Check inflation and condition once a month   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace engine oil  | Every 10,000 miles (16,000 km) or every 1 year, whichever comes first                  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Rotate tires (follow pattern on page 241 )  | Every 10,000 miles (16,000 km)   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace engine oil filter<br>Check front and rear brake wear<br>Check parking brake adjustment<br>Inspect the following items:<br>Tie-rod ends, steering gearbox, and boots<br>Suspension components<br>Driveshaft boots<br>Brake hoses and lines (including ABS)<br>All fluid levels and condition of fluids<br>Exhaust system*<br>Fuel lines and connections* | Every 20,000 miles (32,000 km) or every 1 year, whichever comes first                  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Inspect drive belt  | Every 30,000 miles (48,000 km) or every 2 years, whichever comes first                 |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace dust and pollen filter  |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace air cleaner element   |  |    | ●  |    |    | ●  |    |     | ●   |     |     | ●   |     |     |     | ●   |
| Replace spark plugs   |  |    |    |    |    |    |    |     |     |     | ●   |     | ●   |     |     |     |
| Inspect valve clearance   | Inspect every 110,000 miles (176,000 km), otherwise adjust only if noisy               |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace automatic transmission fluid*   |  |    |    |    |    |    |    |     |     |     |     | ●   |     |     |     |     |
| Replace manual transmission fluid   | Every 120,000 miles (192,000 km) or every 6 years, whichever comes first               |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Inspect idle speed  | Every 160,000 miles (256,000 km)   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace engine coolant  | 120,000 miles (192,000 km) or 10 years, then every 60,000 miles (96,000 km) or 5 years |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace brake fluid   | Every 3 years (independent of mileage)   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |

# : See information on maintenance and emissions warranty, last column, page 202 .

\* : Replace at 120,000 miles (192,000 km) or 6 years, then every 90,000 miles (144,000 km) or 5 years.

| Service the items listed at the indicated distance (or time, if given). |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
|---|--|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | miles x 1,000  | 10 | 20 | 30 | 40 | 50 | 60 | 70  | 80  | 90  | 100 | 110 | 120 | 130 | 140 | 150 |
|   | km x 1,000   | 16 | 32 | 48 | 64 | 80 | 96 | 112 | 128 | 144 | 160 | 176 | 192 | 208 | 224 | 240 |
| Check engine oil and coolant  | Check oil and coolant at each fuel stop  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Check tires   | Check inflation and condition once a month   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace engine oil  | Every 5,000 miles (8,000 km) or every 6 months, whichever comes first                  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Rotate tires (follow pattern on page 241 )                              | Every 10,000 miles (16,000 km)   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace engine oil filter   | Every 10,000 miles (16,000 km) or every 1 year, whichever comes first                  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Check front and rear brake wear   |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Lubricate all hinges, locks and latches                                 |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Inspect the following items:  |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Tie-rod ends, steering gearbox, and boots                               |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Suspension components   |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Driveshaft boots  |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Check parking brake adjustment  | Every 20,000 miles (32,000 km) or every 1 year, whichever comes first                  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Inspect the following items:  |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Brake hoses and lines (including ABS)                                   |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| All fluid levels and condition of fluids                                |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Exhaust system <sup>≠</sup>   |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Fuel lines and connections <sup>≠</sup>                                 |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Lights and controls/vehicle underbody                                   |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Inspect drive belt  | Every 30,000 miles (48,000 km) or every 2 years, whichever comes first                 |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace dust and pollen filter* <sup>1</sup>                            |  |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace air cleaner element   | Every 15,000 miles (24,000 km) (Use normal schedule except in dusty conditions)        |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace spark plugs   |  |    |    |    |    |    |    |     |     |     |     | ●   |     |     |     |     |
| Inspect valve clearance   | Inspect every 110,000 miles (176,000 km), otherwise adjust only if noisy               |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace automatic transmission fluid* <sup>2</sup>                      |  |    |    |    |    | ●  |    |     |     | ●   |     |     | ●   |     |     | ●   |
| Replace manual transmission fluid                                       | Every 60,000 miles (96,000 km) or every 3 years, whichever comes first                 |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Inspect idle speed  | Every 160,000 miles (256,000 km)   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace engine coolant  | 120,000 miles (192,000 km) or 10 years, then every 60,000 miles (96,000 km) or 5 years |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
| Replace brake fluid   | Every 3 years (independent of mileage)   |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |

# : See information on maintenance and emissions warranty, last column, page 202 .

\* 1: See dust and pollen filter on page 235 for replacement information under special driving conditions.

\* 2: Replace at 60,000 miles (96,000 km) or 3 years, then every 30,000 miles (48,000 km) or 2 years.

## 6-cylinder Models

| Service the items listed at the indicated distance (or time, if given).   |  |    |    |    |    |     |     |     |     |     |     |
|---|--|----|----|----|----|-----|-----|-----|-----|-----|-----|
|   | miles x 1,000  | 15 | 30 | 45 | 60 | 75  | 90  | 105 | 120 | 135 | 150 |
|   | km x 1,000   | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 |
| Check engine oil and coolant  | Check oil and coolant at each fuel stop  |    |    |    |    |     |     |     |     |     |     |
| Check tires   | Check inflation and condition once a month   |    |    |    |    |     |     |     |     |     |     |
| Replace engine oil  | Every 7,500 miles (12,000 km) or every 1 year, whichever comes first                   |    |    |    |    |     |     |     |     |     |     |
| Rotate tires (follow pattern on page 241 )  | Every 7,500 miles (12,000 km)  |    |    |    |    |     |     |     |     |     |     |
| Replace engine oil filter<br>Check front and rear brake wear<br>Check parking brake adjustment<br>Inspect the following items:<br>Tie-rod ends, steering gearbox, and boots<br>Suspension components<br>Driveshaft boots<br>Brake hoses and lines (including ABS)<br>All fluid levels and condition of fluids<br>Exhaust system <sup>#</sup><br>Fuel lines and connections <sup>#</sup> | Every 15,000 miles (24,000 km) or every 1 year, whichever comes first                  |    |    |    |    |     |     |     |     |     |     |
| Inspect drive belt  | Every 30,000 miles (48,000 km) or every 2 years, whichever comes first                 |    |    |    |    |     |     |     |     |     |     |
| Replace dust and pollen filter  |  |    |    |    |    |     |     |     |     |     |     |
| Replace air cleaner element   |  | ●  |    | ●  |    | ●   |     | ●   |     | ●   |     |
| Replace spark plugs   |  |    |    |    |    |     | ●   |     |     |     |     |
| Inspect valve clearance   | Inspect every 105,000 miles (168,000 km), otherwise adjust only if noisy               |    |    |    |    |     |     |     |     |     |     |
| Replace automatic transmission fluid*   |  |    |    |    |    |     |     | ●   |     |     |     |
| Inspect idle speed  | Inspect every 165,000 miles (264,000 km)   |    |    |    |    |     |     |     |     |     |     |
| Replace timing belt and inspect water pump  | Every 105,000 miles (168,000 km) or every 7 years, whichever comes first               |    |    |    |    |     |     |     |     |     |     |
| Replace engine coolant  | 120,000 miles (192,000 km) or 10 years, then every 60,000 miles (96,000 km) or 5 years |    |    |    |    |     |     |     |     |     |     |
| Replace brake fluid   | Every 3 years (independent of mileage)   |    |    |    |    |     |     |     |     |     |     |

# : See information on maintenance and emissions warranty, last column, page 202 .

\* : Replace at 120,000 miles (192,000 km) or 6 years, then every 90,000 miles (144,000 km) or 5 years.

| Service the items listed at the indicated distance (or time, if given).   |  |    |    |    |    |     |     |     |     |     |     |
|---|--|----|----|----|----|-----|-----|-----|-----|-----|-----|
|   | miles x 1,000  | 15 | 30 | 45 | 60 | 75  | 90  | 105 | 120 | 135 | 150 |
|   | km x 1,000   | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 240 |
| Check engine oil and coolant  | Check oil and coolant at each fuel stop  |    |    |    |    |     |     |     |     |     |     |
| Check tires   | Check inflation and condition once a month   |    |    |    |    |     |     |     |     |     |     |
| Replace engine oil and oil filter   | Every 3,750 miles (6,000 km) or every 6 months, whichever comes first                  |    |    |    |    |     |     |     |     |     |     |
| Rotate tires (follow pattern on page 241 )  | Every 7,500 miles (12,000 km)  |    |    |    |    |     |     |     |     |     |     |
| Check front and rear brake wear<br>Inspect the following items:<br>Tie-rod ends, steering gearbox, and boots<br>Suspension components<br>Driveshaft boots   | Every 7,500 miles (12,000 km) or every 6 months, whichever comes first                 |    |    |    |    |     |     |     |     |     |     |
| Check parking brake adjustment<br>Lubricate all hinges, locks and latches<br>Inspect the following items:<br>Brake hoses and lines (including ABS)<br>All fluid levels and condition of fluids<br>Exhaust system <sup>#</sup><br>Fuel lines and connections <sup>#</sup><br>Lights and controls/vehicle underbody | Every 15,000 miles (24,000 km) or every 1 year, whichever comes first                  |    |    |    |    |     |     |     |     |     |     |
| Inspect drive belt<br>Replace dust and pollen filter <sup>*1</sup>  | Every 30,000 miles (48,000 km) or every 2 years, whichever comes first                 |    |    |    |    |     |     |     |     |     |     |
| Replace air cleaner element   | Every 15,000 miles (24,000 km) (Use normal schedule except in dusty conditions)        |    |    |    |    |     |     |     |     |     |     |
| Replace spark plugs   |  |    |    |    |    |     | ●   |     |     |     |     |
| Inspect valve clearance   | Inspect every 105,000 miles (168,000 km), otherwise adjust only if noisy               |    |    |    |    |     |     |     |     |     |     |
| Replace automatic transmission fluid <sup>*2</sup>  |  |    | ●  |    |    | ●   |     | ●   |     |     |     |
| Inspect idle speed  | Inspect every 165,000 miles (264,000 km)   |    |    |    |    |     |     |     |     |     | ●   |
| Replace timing belt <sup>*3</sup> , and inspect water pump  | Every 105,000 miles (168,000 km) or every 7 years, whichever comes first               |    |    |    |    |     |     |     |     |     |     |
| Replace engine coolant  | 120,000 miles (192,000 km) or 10 years, then every 60,000 miles (96,000 km) or 5 years |    |    |    |    |     |     |     |     |     |     |
| Replace brake fluid   | Every 3 years (independent of mileage)   |    |    |    |    |     |     |     |     |     |     |

# : See information on maintenance and emissions warranty, last column, page 202.

\* 1: See dust and pollen filter on page 235 for replacement information under special driving conditions.

\* 2: Replace at 60,000 miles (96,000 km) or 3 years, then every 30,000 miles (48,000 km) or 2 years.

\* 3: See timing belt on page 223 for replacement information under special driving conditions.

# Maintenance Record *(for Normal and Severe Schedules)*

You or the servicing dealer can record all completed maintenance here, whether you follow the schedule for normal conditions (pages [204](#), [206](#)) or severe conditions (pages [205](#), [207](#)). Keep the receipts for all work done on your vehicle.

|                               |                           |               |
|-------------------------------|---------------------------|---------------|
| <b>3,750 mi</b><br>6,000 km   | Signature or dealer stamp | mi/km<br>Date |
| <b>5,000 mi</b><br>8,000 km   |                           | mi/km<br>Date |
| <b>7,500 mi</b><br>12,000 km  |                           | mi/km<br>Date |
| <b>10,000 mi</b><br>16,000 km |                           | mi/km<br>Date |
| <b>11,250 mi</b><br>18,000 km |                           | mi/km<br>Date |
| <b>15,000 mi</b><br>24,000 km |                           | mi/km<br>Date |
| <b>18,750 mi</b><br>30,000 km |                           | mi/km<br>Date |
| <b>20,000 mi</b><br>32,000 km |                           | mi/km<br>Date |

|                               |                           |               |
|-------------------------------|---------------------------|---------------|
| <b>22,250 mi</b><br>36,000 km | Signature or dealer stamp | mi/km<br>Date |
| <b>25,000 mi</b><br>40,000 km |                           | mi/km<br>Date |
| <b>26,250 mi</b><br>42,000 km |                           | mi/km<br>Date |
| <b>30,000 mi</b><br>48,000 km |                           | mi/km<br>Date |
| <b>33,750 mi</b><br>54,000 km |                           | mi/km<br>Date |
| <b>35,000 mi</b><br>56,000 km |                           | mi/km<br>Date |
| <b>37,500 mi</b><br>60,000 km |                           | mi/km<br>Date |
| <b>40,000 mi</b><br>64,000 km |                           | mi/km<br>Date |

# Maintenance Record *(for Normal and Severe Schedules)*

|                               |                           |       |
|-------------------------------|---------------------------|-------|
| <b>41,250 mi</b><br>66,000 km | Signature or dealer stamp | mi/km |
|                               |                           | Date  |
| <b>45,000 mi</b><br>72,000 km |                           | mi/km |
|                               |                           | Date  |
| <b>48,750 mi</b><br>78,000 km |                           | mi/km |
|                               |                           | Date  |
| <b>50,000 mi</b><br>80,000 km |                           | mi/km |
|                               |                           | Date  |
| <b>52,500 mi</b><br>84,000 km |                           | mi/km |
|                               |                           | Date  |
| <b>55,000 mi</b><br>88,000 km |                           | mi/km |
|                               |                           | Date  |
| <b>56,250 mi</b><br>90,000 km |                           | mi/km |
|                               |                           | Date  |
| <b>60,000 mi</b><br>96,000 km |                           | mi/km |
|                               |                           | Date  |

|                                |                           |       |
|--------------------------------|---------------------------|-------|
| <b>63,750 mi</b><br>102,000 km | Signature or dealer stamp | mi/km |
|                                |                           | Date  |
| <b>65,000 mi</b><br>104,000 km |                           | mi/km |
|                                |                           | Date  |
| <b>67,500 mi</b><br>108,000 km |                           | mi/km |
|                                |                           | Date  |
| <b>70,000 mi</b><br>112,000 km |                           | mi/km |
|                                |                           | Date  |
| <b>71,250 mi</b><br>114,000 km |                           | mi/km |
|                                |                           | Date  |
| <b>75,000 mi</b><br>120,000 km |                           | mi/km |
|                                |                           | Date  |
| <b>78,750 mi</b><br>126,000 km |                           | mi/km |
|                                |                           | Date  |
| <b>80,000 mi</b><br>128,000 km |                           | mi/km |
|                                |                           | Date  |

CONTINUED



# Maintenance Record *(for Normal and Severe Schedules)*

|                                 |                           |       |
|---------------------------------|---------------------------|-------|
| <b>82,500 mi</b><br>132,000 km  | Signature or dealer stamp | mi/km |
|                                 |                           | Date  |
| <b>85,000 mi</b><br>136,000 km  |                           | mi/km |
|                                 |                           | Date  |
| <b>86,250 mi</b><br>138,000 km  |                           | mi/km |
|                                 |                           | Date  |
| <b>90,000 mi</b><br>144,000 km  |                           | mi/km |
|                                 |                           | Date  |
| <b>93,750 mi</b><br>150,000 km  |                           | mi/km |
|                                 |                           | Date  |
| <b>95,000 mi</b><br>152,000 km  |                           | mi/km |
|                                 |                           | Date  |
| <b>97,500 mi</b><br>156,000 km  |                           | mi/km |
|                                 |                           | Date  |
| <b>100,000 mi</b><br>166,000 km |                           | mi/km |
|                                 |                           | Date  |

|                                 |                           |       |
|---------------------------------|---------------------------|-------|
| <b>101,250 mi</b><br>162,000 km | Signature or dealer stamp | mi/km |
|                                 |                           | Date  |
| <b>105,000 mi</b><br>168,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>108,750 mi</b><br>174,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>110,000 mi</b><br>176,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>112,500 mi</b><br>180,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>115,000 mi</b><br>184,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>116,250 mi</b><br>186,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>120,000 mi</b><br>192,000 km |                           | mi/km |
|                                 |                           | Date  |

# Maintenance Record *(for Normal and Severe Schedules)*

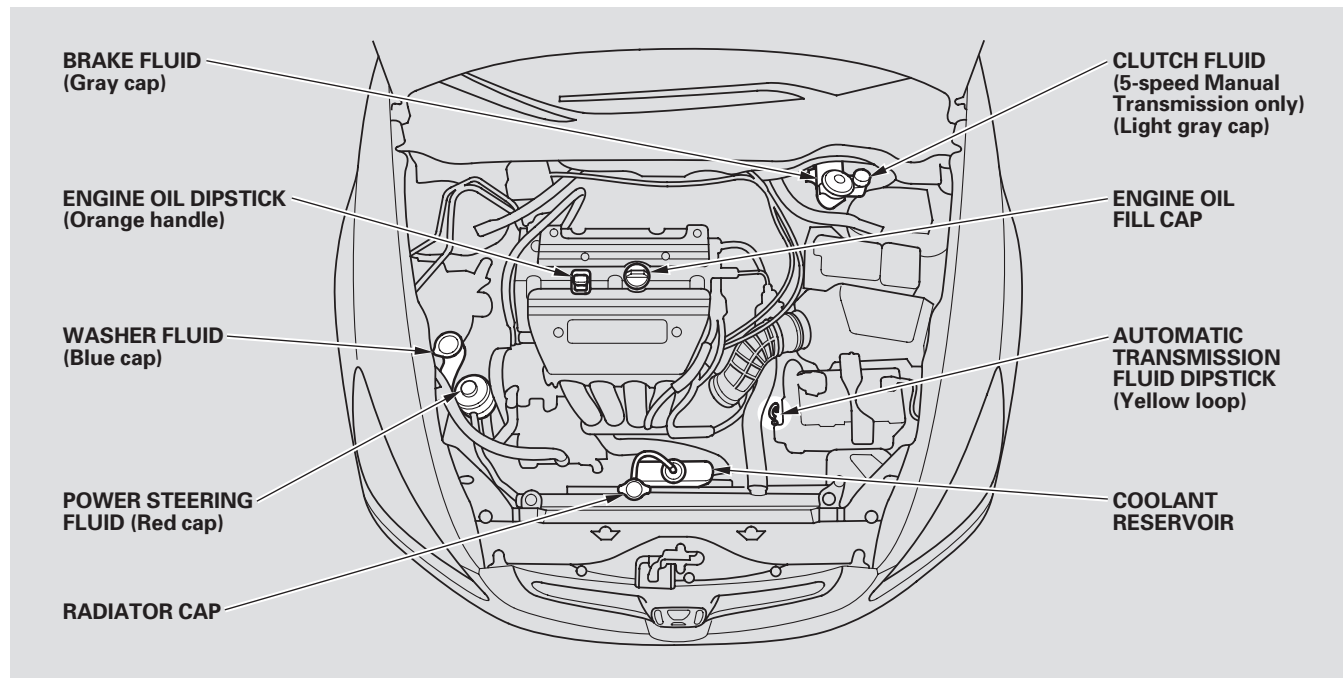
|                                 |                           |       |
|---------------------------------|---------------------------|-------|
| <b>123,750 mi</b><br>198,000 km | Signature or dealer stamp | mi/km |
|                                 |                           | Date  |
| <b>125,000 mi</b><br>200,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>127,500 mi</b><br>204,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>130,000 mi</b><br>208,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>131,250 mi</b><br>210,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>135,000 mi</b><br>216,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>138,750 mi</b><br>222,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>140,000 mi</b><br>224,000 km |                           | mi/km |
|                                 |                           | Date  |

|                                 |                           |       |
|---------------------------------|---------------------------|-------|
| <b>142,500 mi</b><br>228,000 km | Signature or dealer stamp | mi/km |
|                                 |                           | Date  |
| <b>145,000 mi</b><br>232,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>146,250 mi</b><br>234,000 km |                           | mi/km |
|                                 |                           | Date  |
| <b>150,000 mi</b><br>240,000 km |                           | mi/km |
|                                 |                           | Date  |

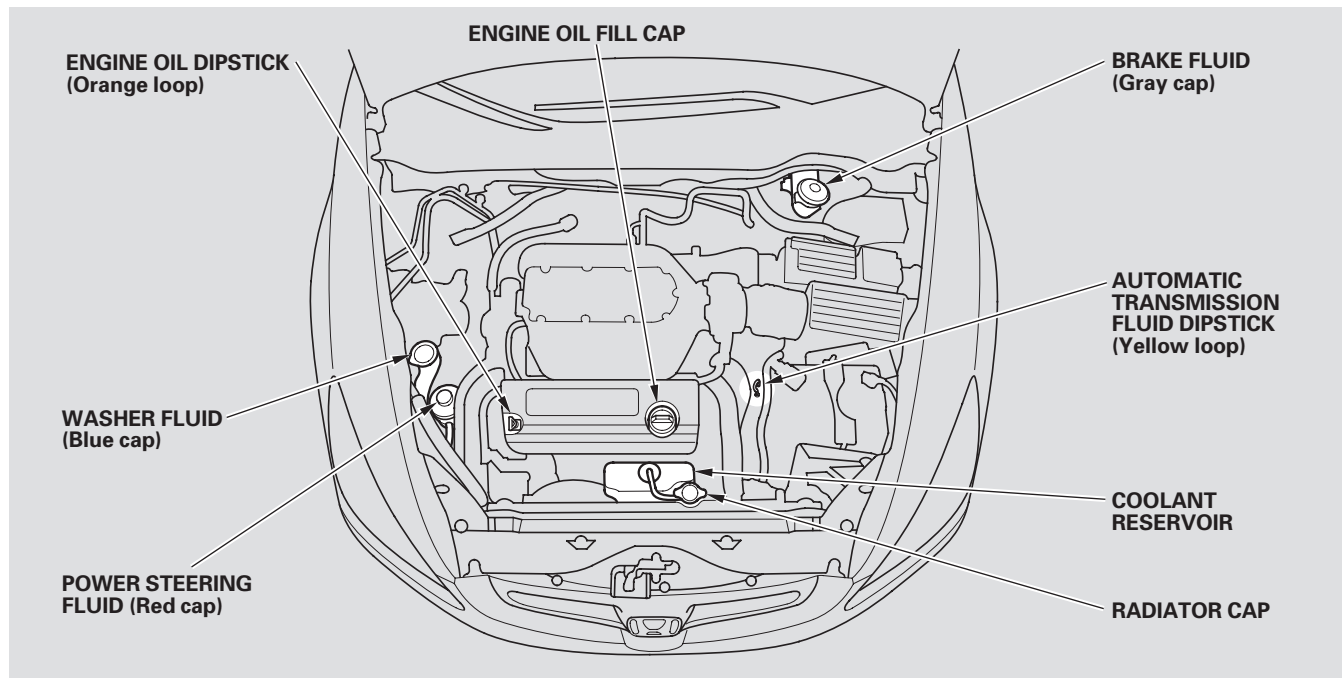
# Fluid Locations

---

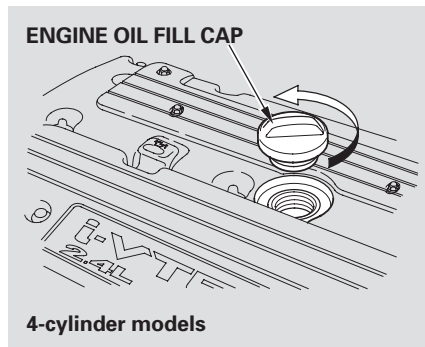
## 4-cylinder Models



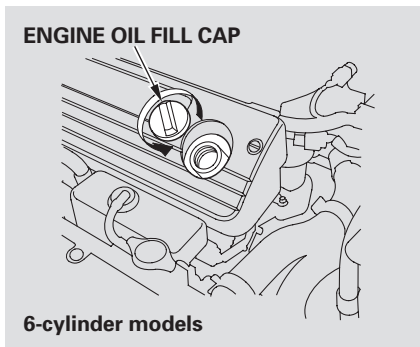
## 6-cylinder Models



# Adding Engine Oil



Unscrew and remove the engine oil fill cap on top of the valve cover. Pour in the oil slowly and carefully so you do not spill. Clean up any spills immediately. Spilled oil could damage components in the engine compartment.



Install the engine oil fill cap and tighten it securely. Wait a few minutes and recheck the oil level. Do not fill above the upper mark; you could damage the engine.

## Recommended Engine Oil

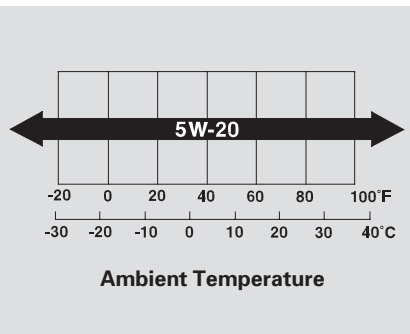
Oil is a major contributor to your engine's performance and longevity. Always use a premium-grade 5W-20 detergent oil displaying the API Certification Seal. This seal indicates the oil is energy conserving, and that it meets the American Petroleum Institute's latest requirements.

Honda Motor Oil is the preferred 5W-20 lubricant for your vehicle. It is highly recommended that you use Honda Motor Oil in your vehicle for optimum engine protection. Make sure the API Certification Seal says “For Gasoline Engines”.



API CERTIFICATION SEAL

The oil viscosity or weight is provided on the container's label. 5W-20 oil is formulated for year-round protection of your Honda to improve cold weather starting and fuel economy.



### Synthetic Oil

You may use a synthetic motor oil if it meets the same requirements given for a conventional motor oil: it displays the API Certification Seal and it is the proper weight. You must follow the oil and filter change intervals given on the maintenance schedule.

### Engine Oil Additives

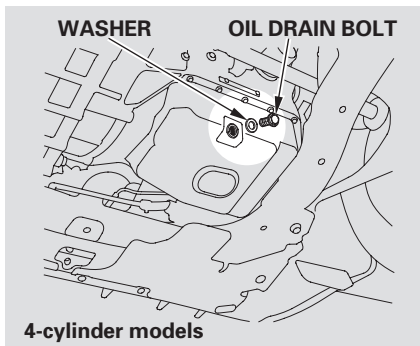
Your Honda does not require any oil additives. Additives may adversely affect your engine's or transmission's performance and durability.

# Changing the Oil and Filter

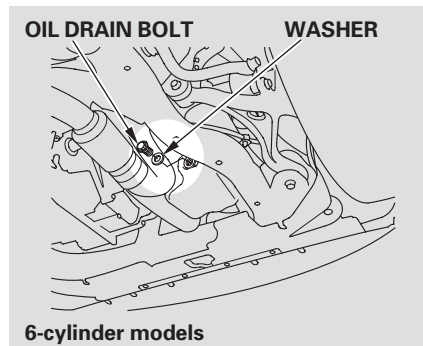
Always change the oil and filter according to the recommendations in the maintenance schedule. The oil and filter collect contaminants that can damage your engine if they are not removed regularly.

Changing the oil and filter requires special tools and access from underneath the vehicle. The vehicle should be raised on a service station-type hydraulic lift for this service. Unless you have the knowledge and proper equipment, you should have this maintenance done by a skilled mechanic.

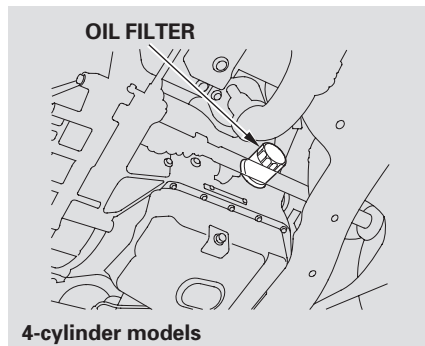
1. Run the engine until it reaches normal operating temperature, then shut it off.



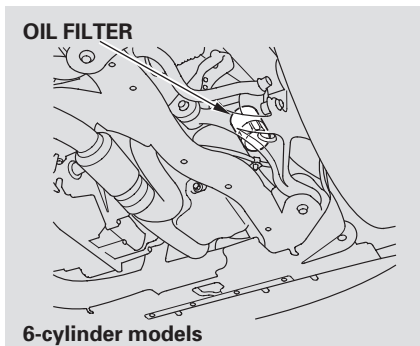
2. Open the hood and remove the engine oil fill cap. Remove the oil drain bolt and washer from the bottom of the engine. Drain the oil into an appropriate container.



3. Remove the oil filter and let the remaining oil drain. A special wrench (available from your Honda dealer) is required.



4. Install a new oil filter according to the instructions that come with it. Make sure to clean off any dirt and dust on the connecting surface of a new oil filter.
5. Put a new washer on the drain bolt, then reinstall the drain bolt. Tighten it to:  
(4-cylinder models)  
33 lbf·ft (45 N·m , 4.6 kgf·m)  
(6-cylinder models)  
29 lbf·ft (39 N·m , 4.0 kgf·m)



6. Refill the engine with the recommended oil.

Engine oil change capacity  
(including filter):  
(4-cylinder models)  
4.4 US qt (4.2 ℓ)  
(6-cylinder models)  
4.5 US qt (4.3 ℓ)

7. Replace the engine oil fill cap. Start the engine. The oil pressure indicator should go out within 5 seconds. If it does not, turn off the engine and check your work.
8. Let the engine run for several minutes, then check the drain bolt and oil filter for leaks.
9. Turn off the engine, let it sit for several minutes, then check the oil level on the dipstick. If necessary, add more oil.

## NOTICE

*Improper disposal of engine oil can be harmful to the environment. If you change your own oil, please dispose of the used oil properly. Put it in a sealed container and take it to a recycling center. Do not discard it in a trash bin or dump it on the ground.*



# Windshield Washers

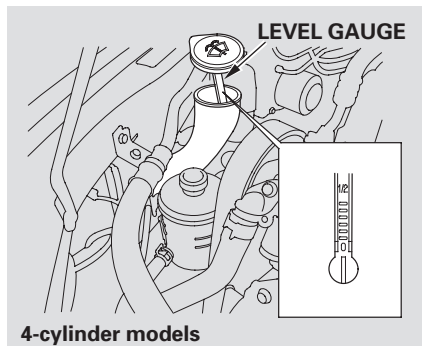
Check the level in the windshield washer reservoir at least monthly during normal use.

Check the reservoir's fluid level by removing the cap and looking at the level gauge attached to the cap.

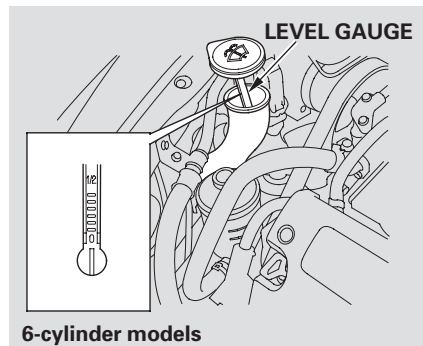
*Canadian Models:* The low washer level indicator will light when the level is low (see page 67).

Fill the reservoir with a good-quality windshield washer fluid. This increases the cleaning capability and prevents freezing in cold weather.

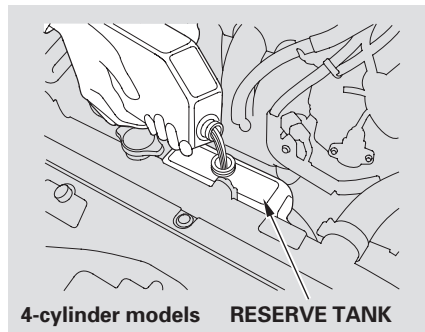
When you refill the reservoir, clean the edges of the windshield wiper blades with windshield washer fluid on a clean cloth. This will help to condition the blade edges.



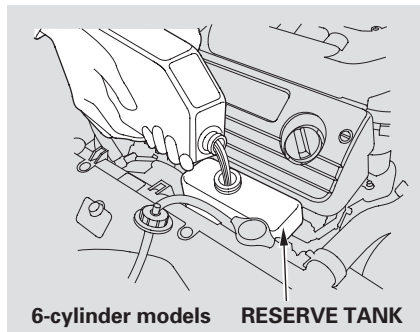
**NOTICE:** Do not use engine antifreeze or a vinegar/water solution in the windshield washer reservoir. Antifreeze can damage your vehicle's paint, while a vinegar/water solution can damage the windshield washer pump. Use only commercially-available windshield washer fluid.



## Adding Engine Coolant



If the coolant level in the reserve tank is at or below the MIN line, add coolant to bring it up to the MAX line. Inspect the cooling system for leaks. Always use Honda All Season Antifreeze/Coolant Type 2. This coolant is pre-mixed with 50 percent antifreeze and 50 percent water. Never add straight antifreeze or plain water.



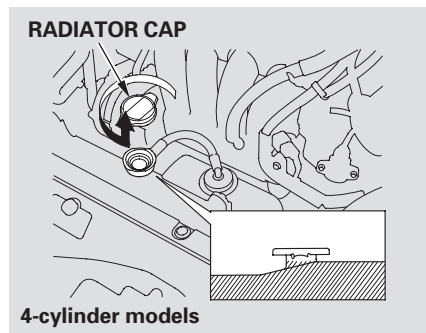
If Honda antifreeze/coolant is not available, you may use another major-brand non-silicate coolant as a temporary replacement. Make sure it is a high-quality coolant recommended for aluminum engines. Continued use of any non-Honda coolant can result in corrosion, causing the cooling system to malfunction or fail. Have the cooling system flushed and refilled with Honda antifreeze/coolant as soon as possible.

If the reserve tank is completely empty, you should also check the coolant level in the radiator.

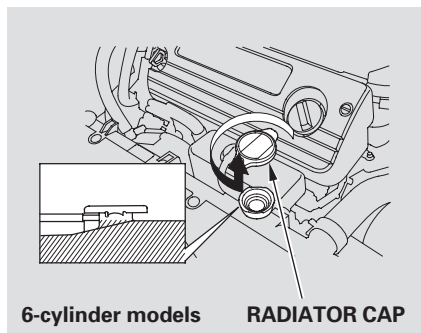
### **⚠ WARNING**

Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you.

Always let the engine and radiator cool down before removing the radiator cap.



1. When the radiator and engine are cool, relieve any pressure in the cooling system by turning the radiator cap counterclockwise, without pressing down.
2. Remove the radiator cap by pushing down and turning counterclockwise.



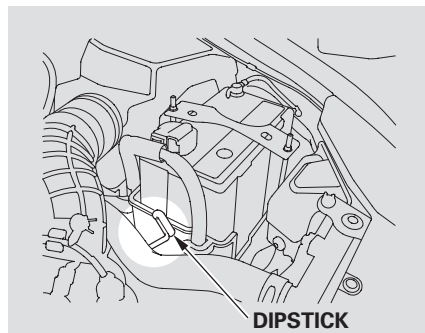
3. The coolant level should be up to the base of the filler neck. Add coolant if it is low.
- Pour the coolant slowly and carefully so you do not spill. Clean up any spill immediately; it could damage components in the engine compartment.
4. Put the radiator cap back on and tighten it.

5. Pour coolant into the reserve tank. Fill it to halfway between the MAX and MIN marks. Put the cap back on the reserve tank.

Do not add any rust inhibitors or other additives to your vehicle's cooling system. They may not be compatible with the coolant or engine components.

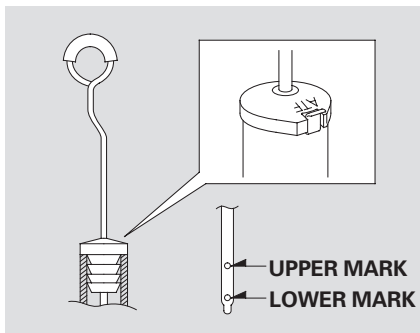
## Automatic Transmission

4-cylinder models



Check the fluid level with the engine at normal operating temperature.

1. Park the vehicle on level ground. Shut off the engine.
2. Remove the dipstick (yellow loop) from the transmission, and wipe it with a clean cloth.



3. Insert the dipstick all the way into the transmission.

Make sure the rubber cap on the dipstick fits in the dipstick guide and that you push the dipstick in all the way.

4. Remove the dipstick and check the fluid level. It should be between the upper and lower

marks.

5. If the level is below the lower mark, add fluid into the tube to bring it to the upper mark.

Always use Honda ATF-Z1 (Automatic Transmission Fluid). If it's not available, you may use a DEXRON® III automatic transmission fluid as a temporary replacement. However, continued use can affect the shift quality. Have the transmission flushed and refilled with Honda ATF-Z1 as soon as it is convenient.

*CONTINUED*

# Transmission Fluid

To thoroughly flush the transmission, the technician should drain and refill it with Honda ATF-Z1 (Automatic Transmission Fluid), then drive the vehicle for a short distance. Do this three times. Then drain and refill the transmission a final time.

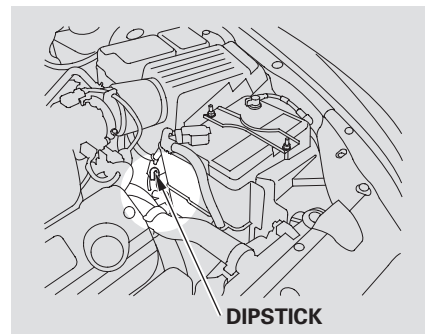
6. Insert the dipstick all the way back into the transmission securely as shown in the illustration.

The transmission should be drained and refilled with new fluid according to the time and distance recommendations in the maintenance schedule.

If you are not sure how to add fluid, contact your Honda dealer.

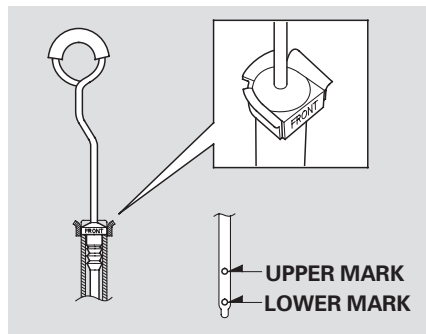
## Automatic Transmission

*6-cylinder models*



Check the fluid level with the engine at normal operating temperature.

1. Park the vehicle on level ground. Shut off the engine.
2. Remove the dipstick (yellow loop) from the transmission, and wipe it with a clean cloth.



3. Insert the dipstick all the way into the transmission.

Make sure the rubber cap fits in the dipstick guide and the dipstick is down all the way.

4. Remove the dipstick and check the fluid level. It should be between the upper and lower marks.

5. If the level is below the lower mark, add fluid into the tube to bring it to the upper mark.

Always use Honda ATF-Z1 (Automatic Transmission Fluid). If it's not available, you may use a DEXRON® III automatic transmission fluid as a temporary replacement. However, continued use can affect the shift quality. Have the transmission flushed and refilled with Honda ATF-Z1 as soon as it is convenient.

To thoroughly flush the transmission, the technician should drain and refill it with Honda ATF-Z1 (Automatic Transmission Fluid), then drive the vehicle for a short distance. Do this three times. Then drain and refill the transmission a final time.

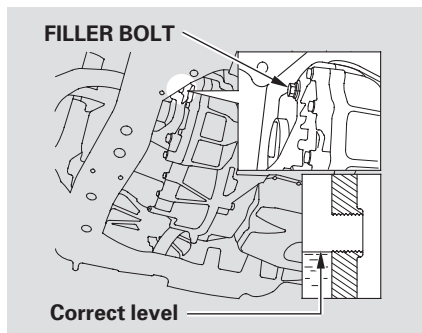
*CONTINUED*

6. Insert the dipstick all the way back into the transmission.

The transmission should be drained and refilled with new fluid according to the time and distance recommendations in the maintenance schedule.

If you are not sure how to add fluid, contact your Honda dealer.

## 5-speed Manual Transmission



Check the fluid level with the transmission at normal operating temperature and the vehicle sitting on level ground. Remove the transmission filler bolt, and carefully feel inside the bolt hole with your finger. The fluid level should be up to the edge of the bolt hole. If it is not, add Honda Manual Transmission Fluid (MTF) until it starts to run out of the hole. Reinstall the filler bolt, and tighten it securely.

If Honda MTF is not available, you may use an SAE 10W-30 or 10W-40 viscosity motor oil with the API Certification seal that says "FOR GASOLINE ENGINES" as a temporary replacement. However, motor oil does not contain the proper additives, and continued use can cause stiffer shifting. Replace as soon as it is convenient.

The transmission should be drained and refilled with new fluid according to the time and distance recommendations in the maintenance schedule.

Check the fluid level in the reservoirs monthly. There are up to two reservoirs, depending on the model. They are:

- Brake fluid reservoir (all models)
- Clutch fluid reservoir (manual transmission only)

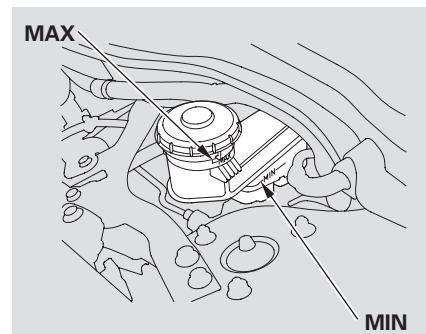
Replace the brake fluid according to the recommendations in the maintenance schedule.

Always use Honda Heavy Duty Brake Fluid DOT 3. If it is not available, you should use only DOT 3 or DOT 4 fluid, from a sealed container, as a temporary replacement.

Using any non-Honda brake fluid can cause corrosion and decrease the life of the system. Have the brake system flushed and refilled with Honda Heavy Duty Brake Fluid DOT 3 as soon as possible.

Brake fluid marked DOT 5 is not compatible with your vehicle's braking system and can cause extensive damage.

### Brake Fluid

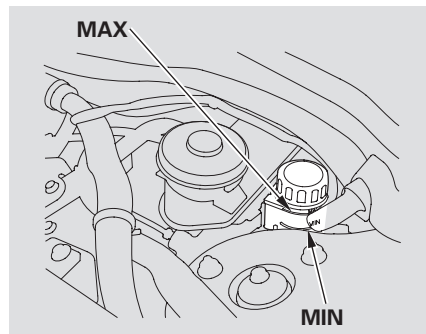


The fluid level should be between the MIN and MAX marks on the side of the reservoir. If the level is at or below the MIN mark, your brake system needs attention. Have the brake system inspected for leaks or worn brake pads.



# Brake and Clutch Fluid, Power Steering Fluid

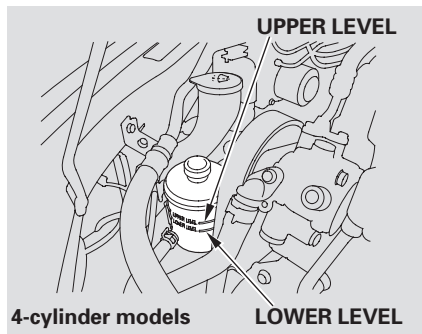
## Clutch Fluid



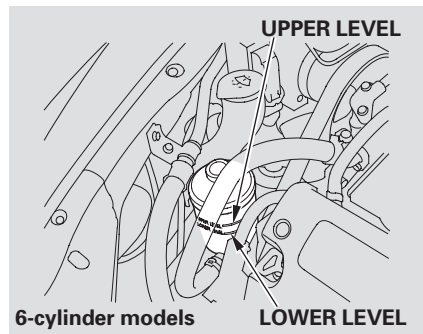
The fluid level should be between the MIN and MAX marks on the side of the reservoir. If it is not, add brake fluid to bring it up to that level. Use the same fluid specified for the brake system.

Low fluid level can indicate a leak in the clutch system. Have this system inspected as soon as possible.

## Power Steering Fluid



Check the level on the side of the reservoir when the engine is cold. The fluid should be between the UPPER LEVEL and LOWER LEVEL. If not, add power steering fluid to the UPPER LEVEL.



Always use Honda Power Steering Fluid. You may use another power steering fluid as an emergency replacement, but have the power steering system flushed and refilled with Honda PSF as soon as possible.

A low power steering fluid level can indicate a leak in the system. Check the fluid level frequently, and have the system inspected as soon as possible.

## NOTICE

*Turning the steering wheel to full left or right lock and holding it there can damage the power steering pump.*

## Timing Belt

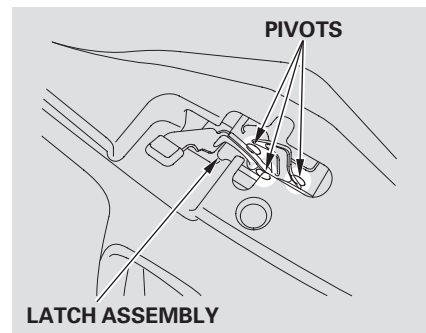
*6-cylinder models only*

The timing belt should be replaced at the intervals shown in the maintenance schedule.

Replace these belts at 60,000 miles (U.S.) or 100,000 km (Canada) if you regularly drive your vehicle in one or more of these conditions:

- In very high temperatures (over 110°F, 43°C).
- In very low temperatures (under -20°F, -29°C).

## Hood Latch



Clean the hood latch assembly with a mild cleaner, then lubricate it with a multipurpose grease. Lubricate all the moving parts (as shown), including the pivot. Follow the time and distance recommendations in the Maintenance Schedule. If you are not sure how to clean and grease the latch, contact your Honda dealer.

## Headlight Aiming

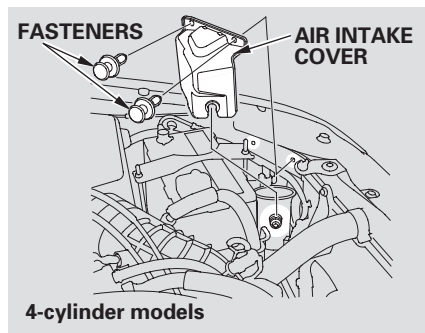
The headlights were properly aimed when your vehicle was new. If you regularly carry heavy items in the trunk or pull a trailer, readjustment may be required. Adjustments should be performed by a Honda technician or other qualified mechanic.

## Replacing a Headlight Bulb

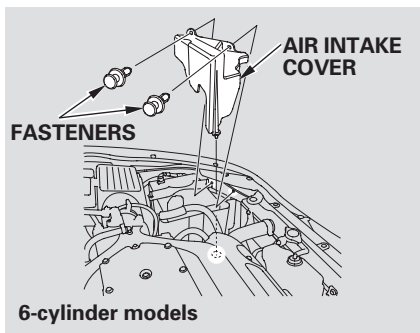
Your vehicle has two bulbs on each side, four in total. Make sure you are replacing the bulb that is burned out. Your vehicle uses halogen headlight bulbs. When replacing a bulb, handle it by its plastic case and protect the glass from contact with your skin or hard objects. If you touch the glass, clean it with denatured alcohol and a clean cloth.

**NOTE:** *Halogen headlight bulbs get very hot when lit. Oil, perspiration, or a scratch on the glass can cause the bulb to overheat and shatter.*

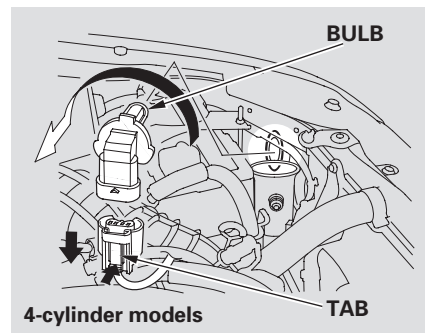
## High Beam Headlight



1. Open the hood. To change a bulb on the passenger's side, undo the two fasteners and remove the air intake cover.

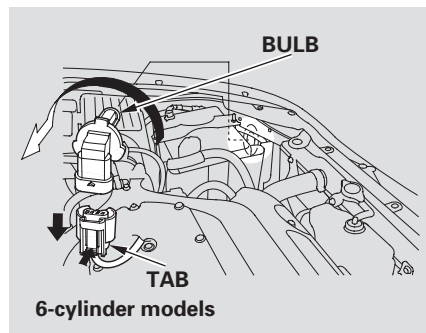


2. Remove the electrical connector from the bulb by squeezing the connector to unlock the tab, then slide the connector off the bulb.



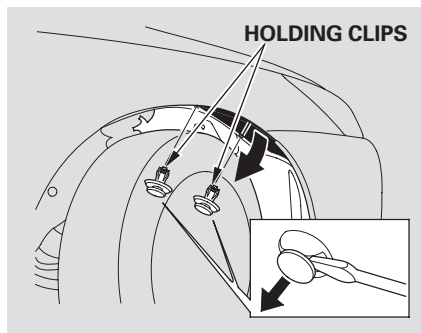
3. Remove the bulb by turning it approximately one-quarter turn counterclockwise.
4. Install the new bulb and turn it one-quarter turn clockwise to lock it in place.

CONTINUED

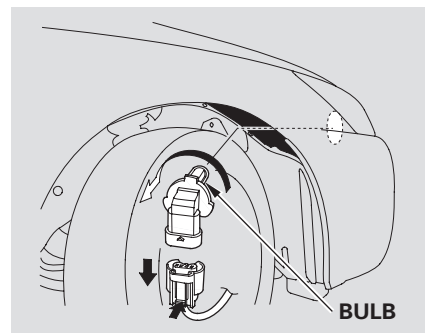


5. Push the electrical connector onto the bulb.
6. Turn on the headlights to test the new bulb.
7. (Passenger's side)  
Reinstall the air intake cover.  
Reinstall the two fasteners and secure them by pushing on the heads until they lock.

## *Low Beam Headlight*



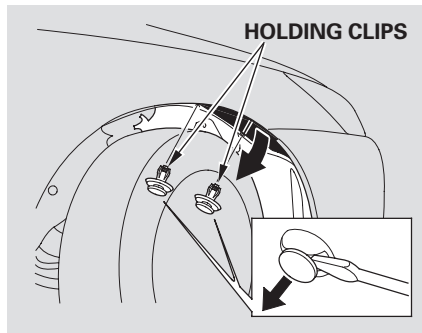
1. To change the passenger's side bulb, start the engine, turn the steering wheel all the way to the left, and turn off the engine. To change the driver's side bulb, turn the steering wheel to the right.
2. Use a flat-tipped screwdriver to remove the two holding clips from the inner fender.



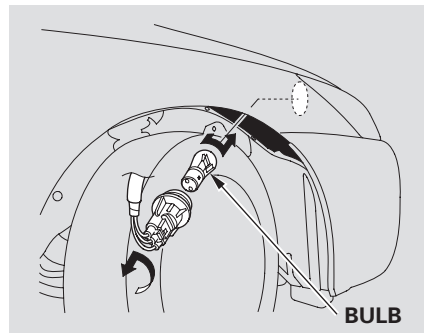
3. Pull the inner fender cover away from the fender and bumper.
4. Remove the bulb by turning it approximately one-quarter turn counterclockwise.
5. Remove the electrical connector from the bulb by squeezing the connector to unlock the tab, then slide the connector off the bulb.

6. Install the new bulb and turn it one-quarter turn clockwise to lock it in place.
7. Push the electrical connector onto the bulb.
8. Turn on the headlights to test the new bulb.
9. Put the inner fender cover in place. Install the two holding clips. Lock each one in place by pushing on the center.

## Replacing the Front Side Marker/ Turn Signal and Parking Light Bulb



1. To change the passenger's side bulb, start the engine, turn the steering wheel all the way to the left, and turn off the engine. To change the driver's side bulb, turn the steering wheel to the right.
2. Use a flat-tipped screwdriver to remove the two holding clips from the inner fender.

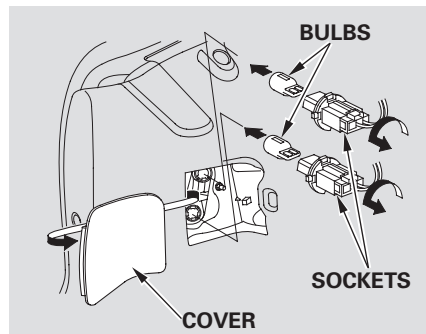


3. Pull the inner fender cover away from the fender and bumper.
4. Remove the socket from the headlight assembly by turning it one-quarter turn counterclockwise.

*CONTINUED*

5. To remove the burned out bulb, push it in and turn it counterclockwise until it unlocks.
6. Install the new bulb and turn it clockwise to lock it in place.
7. Insert the socket into the headlight assembly. Turn it clockwise to lock it in place.
8. Test the lights to make sure the new bulb is working.
9. Put the inner fender cover in place. Install and lock each holding clip by pushing on the center.

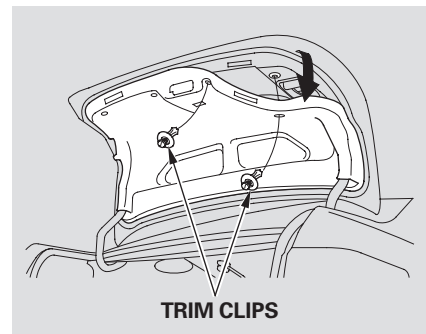
## Replacing Rear Bulbs (in Fenders)



1. Open the trunk.
2. Remove the light assembly cover by pulling its outside edge.
3. Remove the socket by turning it one-quarter turn counterclockwise and pull the bulb straight out of its socket.

4. Push a new bulb straight into the socket until it bottoms, and reinstall the socket into the light assembly by turning it clockwise until it locks.
5. Test the lights to make sure the new bulb is working.
6. Reinstall the light assembly cover.

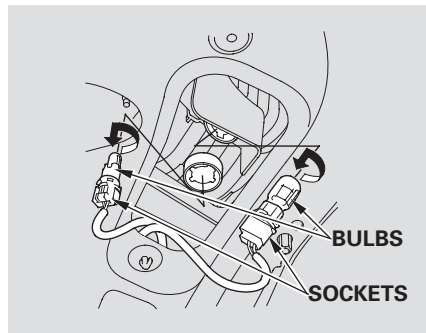
## Replacing Rear Bulbs (in Trunk Lid)



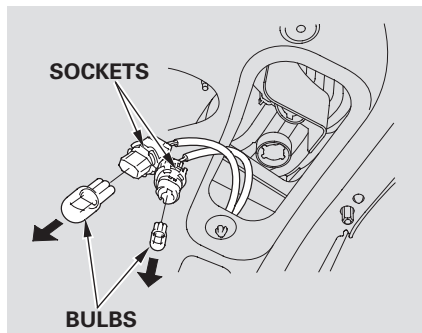
1. Open the trunk.
2. *6-cylinder models*  
Remove the trim clips from the right or left corner of the trunk lid trim by carefully prying them using a small, flat-tip screwdriver wrapped with tape.

CONTINUED



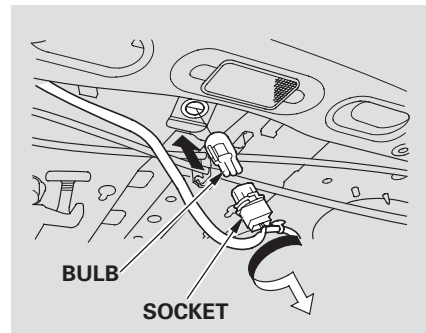


3. Carefully bend back the corner of the trunk lid trim to expose the bulbs.
4. Remove the socket by turning it one-quarter turn counterclockwise and pull the bulb straight out of its socket.



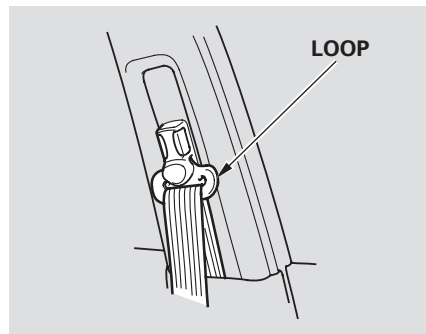
5. Install a new bulb into the socket and reinstall the socket into the light assembly.
6. Test the lights.
7. Push the trunk lid trim back into position.
8. Press the trim clips back into their holes.

## Replacing a High-mount Brake Light Bulb



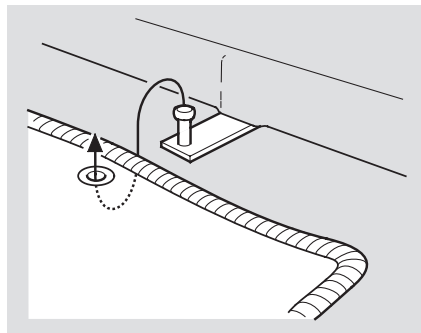
1. Open the trunk and remove the socket from the light assembly by turning it one-quarter turn counterclockwise.
2. Remove the burned-out bulb by pulling it straight out of the socket.
3. Install the new bulb and reinstall the socket.

## Seat Belts



Clean dirty seat belts with a soft brush and a mixture of mild soap and warm water. Do not use bleach, dye, or cleaning solvents that can weaken the belt material. Let the belts air dry before you use the vehicle. Dirt build-up in the loops of the seat belt anchors can cause the belts to retract slowly. Wipe the insides of the loops with a clean cloth dampened in mild soap and warm water or isopropyl alcohol.

## Floor Mats



The driver's and right rear floor mats that came with your vehicle hooks over the floor mat anchor. This keeps the floor mats from sliding forward and possibly interfering with the pedals or marking the front passenger's weight sensors ineffective.

If you remove the floor mats, make sure to re-anchor them when you put them back in your vehicle.

If you use a non-Honda floor mat, make sure it fits properly and that it can be used with the floor mat anchor. Do not put additional floor mats on top of the anchored mat.

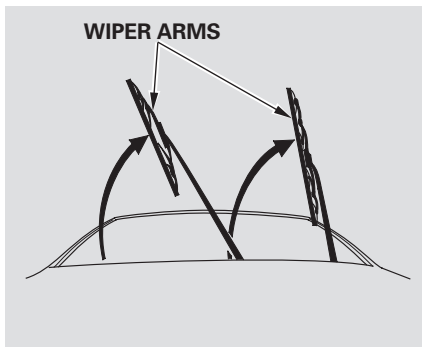
## Dust and Pollen Filter

This filter removes the dust and pollen that is brought in from the outside through the heating and cooling system/climate control system.

Have your Honda dealer replace this filter every 30,000 miles (48,000 km) under normal conditions. It should be replaced every 15,000 miles (24,000 km) if you drive primarily in urban areas that have high concentrations of soot in the air, or if the flow from the climate control system becomes less than usual.

# Wiper Blades

Check the condition of the wiper blades at least every six months. Look for signs of cracking in the rubber, or areas that are getting hard. Replace the blades if you find these signs, or if they leave streaks and unwiped areas when used.

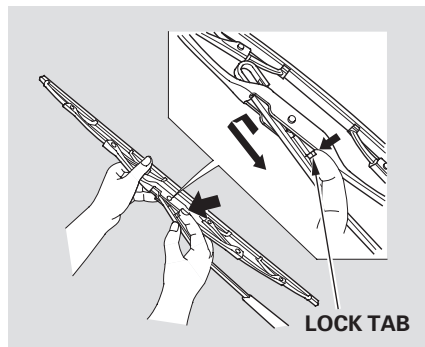


To replace a wiper blade:

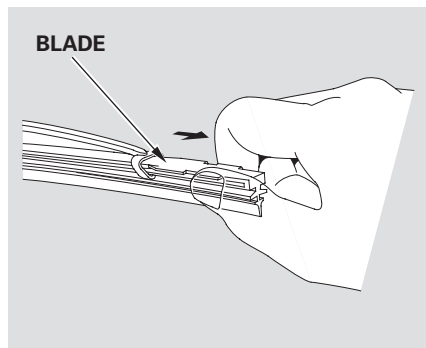
1. Raise the wiper arm off the windshield. Raise the driver's side first, then the passenger's side.

## NOTICE

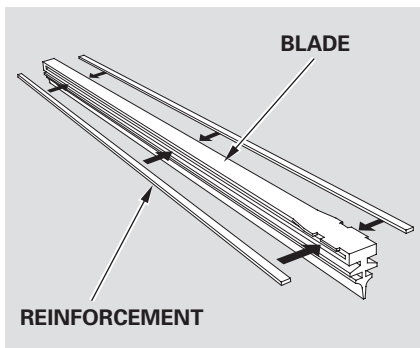
*Do not open the hood when the wiper arms are raised, or you will damage the hood and wiper arms.*



2. Disconnect the blade assembly from the wiper arm by pushing in the lock tab. Hold the lock tab in while you push the blade assembly toward the base of the arm.



3. Remove the blade from its holder by grasping the tabbed end of the blade. Pull firmly until the tabs come out of the holder.



4. Examine the new wiper blades. If they have no plastic or metal reinforcement along the back edge, remove the metal reinforcement strips from the old wiper blade, and install them in the slots along the edge of the new blade.

5. Slide the new wiper blade into the holder until the tabs lock.
6. Slide the wiper blade assembly onto the wiper arm. Make sure it locks in place.
7. Lower the wiper arm down against the windshield. Lower the passenger's side first, then the driver's side.

To safely operate your vehicle, your tires must be the proper type and size, in good condition with adequate tread, and correctly inflated.

The following pages give more detailed information on how to take care of your tires and what to do when they need to be replaced.

## **WARNING**

Using tires that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding tire inflation and maintenance.

## **Inflation**

Keeping the tires properly inflated provides the best combination of handling, tread life, and riding comfort.

- Underinflated tires wear unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.
- Overinflated tires can make your vehicle ride more harshly, are more prone to damage from road hazards, and wear unevenly.

We recommend that you visually check your tires every day. If you think a tire might be low, check it immediately with a tire gauge.

For convenience, the recommended tire sizes and cold air pressures are on a label on the driver's doorjamb.

For additional technical information, see page [276](#).

Use a gauge to measure the air pressure at least once a month. Even tires that are in good condition may lose one to two psi (10 to 20 kPa, 0.1 to 0.2 kgf/cm<sup>2</sup>) per month. Remember to check the spare tire at the same time.

Check the pressure in the tires when they are cold. This means the vehicle has been parked for at least three hours, or driven less than 1 mile (1.6 km).

Add or release air, if needed, to match the recommended cold tire pressures on this page.

If you check the pressure when the tires are hot (driven for several miles), you will see readings 4 to 6 psi (30 to 40 kPa, 0.3 to 0.4 kgf/cm<sup>2</sup>) higher than the cold reading. This is normal; do not release air to match the cold pressure.

Tubeless tires have some ability to self-seal if they are punctured. You should look closely for punctures if a tire starts losing pressure.

You should get your own tire pressure gauge and use it whenever you check your tire pressures. This will make it easier for you to tell if a pressure loss is due to a tire problem and not due to a variation between gauges.

## All models except LX

| Tire Size  | Cold Tire Pressure for Normal Driving   |
|--|---|
| P195/65R15 89H * <sup>1</sup><br>P205/60R16 91V * <sup>2</sup> | Front:<br>32 psi (220 kPa ,<br>2.2 kgf/cm <sup>2</sup> )<br><br>Rear:<br>30 psi (210 kPa ,<br>2.1 kgf/cm <sup>2</sup> ) |

\*1 DX model

\*2 EX and V6 models

## LX model

| Tire Size      | Cold Tire Pressure for Normal Driving   |
|----------------|---|
| P205/65R15 92H | Front:<br>30 psi (210 kPa ,<br>2.1 kgf/cm <sup>2</sup> )<br><br>Rear:<br>29 psi (200 kPa ,<br>2.0 kgf/cm <sup>2</sup> ) |

The compact spare tire pressure is:  
60 psi (420 kPa , 4.2 kgf/cm<sup>2</sup>)

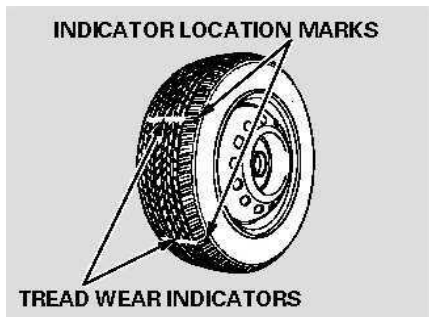
## Tire Inspection

Every time you check inflation, you should also examine the tires for damage, foreign objects, and wear.

You should look for:

- Bumps or bulges in the tread or side of the tire. Replace the tire if you find either of these conditions.
- Cuts, splits, or cracks in the side of the tire. Replace the tire if you can see fabric or cord.
- Excessive tread wear.

Your vehicle's tires have wear indicators molded into the tread. When the tread wears down to that point, you will see a 1/2 inch (12.7 mm) wide band running across the tread. This shows there is less than 1/16 inch (1.6 mm) of tread left on the tire. A tire that is this worn gives very little traction on wet roads. You should replace the tire if you can see the tread wear indicator in three or more places around the tire.



## Tire Maintenance

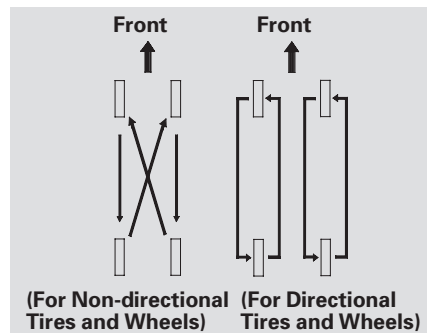
In addition to proper inflation, correct wheel alignment helps to decrease tire wear. If you find a tire is worn unevenly, have your dealer check the wheel alignment.

Have your dealer check the tires if you feel a consistent vibration while driving. A tire should always be rebalanced if it is removed from the wheel. When you have new tires installed, make sure they are balanced. This increases riding comfort and tire life. For best results, have the installer perform a dynamic balance.

*U.S. LX, EX and EX-V6 models*

**NOTICE:** *Improper wheel weights can damage your vehicle's aluminum wheels. Use only genuine Honda wheels weights for balancing.*

## Tire Rotation



To help increase tire life and distribute wear more evenly, rotate the tires every 10,000 miles (16,000 km). Move the tires to the positions shown in the chart each time they are rotated. If you purchase directional tires, rotate only front-to-back.

## Replacing Tires

Replace your tires with radial tires of the same size, load range, speed rating, and maximum cold tire pressure rating (as shown on the tire's sidewall). Mixing radial and bias-ply tires on your vehicle can reduce braking ability, traction, and steering accuracy. Using tires of a different size or construction can cause the ABS to work inconsistently.

The ABS works by comparing the speed of the wheels. When replacing tires, use the same size originally supplied with the vehicle. Tire size and construction can affect wheel speed and may cause the system to work.

It is best to replace all four tires at the same time. If that is not possible or necessary, replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle's handling.

If you ever replace a wheel, make sure that the wheel's specifications match those of the original wheels.

## ⚠ WARNING

Installing improper tires on your vehicle can affect handling and stability. This can cause a crash in which you can be seriously hurt or killed.

Always use the size and type of tires recommended in this owner's manual.



## Wheels and Tires

Wheel:

DX and LX models

15 x 6 1/2 JJ

All EX models

16 x 6 1/2 JJ (Aluminum wheels only)

LX-V6 model

16 x 6 1/2 JJ (Steel wheels only)

Tire:

DX model

P195/65R15 89H

LX model

P205/65R15 92H

All EX and V6 models

P205/60R16 91V

See page [277](#) for DOT tire quality grading information, and page [279](#) for tire size explanation.

## Winter Driving

Tires marked “M + S” or “All Season” on the sidewall have an all-weather tread design suitable for most winter driving conditions.

For the best performance in snowy or icy conditions, you should install snow tires or tire chains. They may be required by local laws under certain conditions.

## Snow Tires

If you mount snow tires on your Honda, make sure they are radial tires of the same size and load range as original tires. Mount snow tires on all four wheels. The traction provided by snow tires on dry roads may be lower than your original tires. Check with the tire dealer for maximum speed recommendations.

***Tire Chains***

Mount snow chains on your tires when required by driving conditions or local laws. Install them only on the front tires.

Because your vehicle has limited tire clearance, Honda strongly recommends using the chains listed below, made by Security Chain Company (SCC).

***DX***

Link-type: SCC Quick Grip QG1130  
Cable-types: SCC Radial Chain  
CH2311T or SCC SC Cable SC1030

***LX***

Link-type: SCC Quick Grip QG1134  
Cable-types: SCC Radial Chain  
CH2311T or SCC SC Cable SC1030

***EX and V6***

Cable-types: SCC Radial Chain  
CH2311T or SCC SC Cable SC1030

When installing cables, follow the manufacturer's instructions, and mount them as tight as you can. Make sure they are not contacting the brake lines or suspension. Drive slowly with them installed. If you hear them coming into contact with the body or chassis, stop and investigate. Remove them as soon as you begin driving on cleared roads.

**⚠ WARNING**

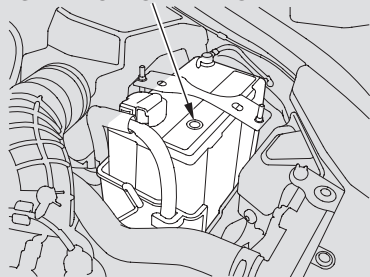
Using the wrong chains, or not properly installing chains, can damage the brake lines and cause a crash in which you can be seriously injured or killed.

Follow all instructions in this owner's manual regarding the selection and use of tire chains.

**NOTICE:** *Traction devices that are the wrong size or improperly installed can damage your vehicle's brake lines, suspension, body, and wheels. Stop driving if they are hitting any part of the vehicle.*

# Checking the Battery

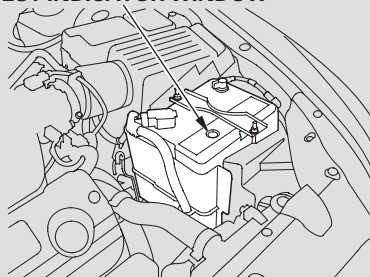
## TEST INDICATOR WINDOW



4-cylinder models

Check the condition of the battery monthly by looking at the test indicator window. The label on the battery explains the test indicator's colors.

## TEST INDICATOR WINDOW



6-cylinder models

Check the terminals for corrosion (a white or yellowish powder). To remove it, cover the terminals with a solution of baking soda and water. It will bubble up and turn brown. When this stops, wash it off with plain water. Dry off the battery with a cloth or paper towel. Coat the terminals with grease to help prevent future corrosion.

If additional battery maintenance is needed, see your Honda dealer or a qualified technician.

**WARNING:** Battery posts, terminals, and related accessories contain lead and lead compounds. **Wash your hands after handling.**

If you need to connect the battery to a charger, disconnect both cables to prevent damaging your vehicle's electrical system. Always disconnect the negative (–) cable first, and reconnect it last.

### **WARNING**

The battery gives off explosive hydrogen gas during normal operation.

A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Wear protective clothing and a face shield, or have a skilled mechanic do the battery maintenance.

# Vehicle Storage

---

If you need to park your vehicle for an extended period (more than one month), there are several things you should do to prepare it for storage. Proper preparation helps prevent deterioration and makes it easier to get your vehicle back on the road. If possible, store your vehicle indoors.

- Fill the fuel tank.
- Change the engine oil and filter.
- Wash and dry the exterior completely.
- Clean the interior. Make sure the carpeting, floor mats, etc., are completely dry.
- Leave the parking brake off. Put the transmission in Reverse (5-speed manual) or Park (automatic).
- Block the rear wheels.

- If the vehicle is to be stored for a longer period, it should be supported on jackstands so the tires are off the ground.
- Leave one window open slightly (if the vehicle is being stored indoors).
- Disconnect the battery.
- Support the front wiper blade arms with a folded towel or rag so they do not touch the windshield.
- To minimize sticking, apply a silicone spray lubricant to all door and trunk seals. Also, apply a vehicle body wax to the painted surfaces that mate with the door and trunk seals.
- Cover the vehicle with a “breathable” cover, one made from a porous material such as cotton. Non-porous materials, such

as plastic sheeting, trap moisture, which can damage the paint.

- If possible, periodically run the engine until it reaches full operating temperature (the cooling fans cycle on and off twice). Preferably, do this once a month.

If you store your vehicle for 1 year or longer, have your Honda dealer perform the inspections as soon as you take it out of storage (see pages [200](#) and [202](#)). The 6-cylinder model needs the inspections called for in the 2 years/30,000 miles (48,000 km) maintenance schedule (Normal Conditions) and the 4-cylinder model needs the inspections called for in the 2 years/40,000 miles (64,000 km) maintenance schedule (Normal Conditions). The replacements called for in the maintenance schedule are not needed unless the vehicle has actually reached that time or mileage.

This section covers the more common problems that motorists experience with their vehicles. It gives you information about how to safely evaluate the problem and what to do to correct it. If the problem has stranded you on the side of the road, you may be able to get going again. If not, you will also find instructions on getting your vehicle towed.

|  |     |
|--|-----|
| Compact Spare Tire.....  | 248 |
| Changing a Flat Tire .....   | 249 |
| If Your Engine Won't Start.....                                      | 253 |
| Nothing Happens or the<br>Starter Motor Operates<br>Very Slowly..... | 253 |
| The Starter Operates<br>Normally .....                               | 254 |
| Jump Starting .....  | 255 |
| If Your Engine Overheats.....  | 257 |
| Low Oil Pressure Indicator .....                                     | 259 |
| Charging System Indicator.....                                       | 260 |
| Malfunction Indicator Lamp .....                                     | 260 |
| Readiness Codes.....   | 261 |
| Brake System Indicator .....   | 262 |
| Closing the Moonroof .....   | 263 |
| Emergency Towing .....   | 264 |
| Fuses .....  | 265 |
| Checking and Replacing .....   | 265 |

## Compact Spare Tire

Use the compact spare tire as a temporary replacement only. Get your regular tire repaired or replaced and put it back on your vehicle as soon as you can.

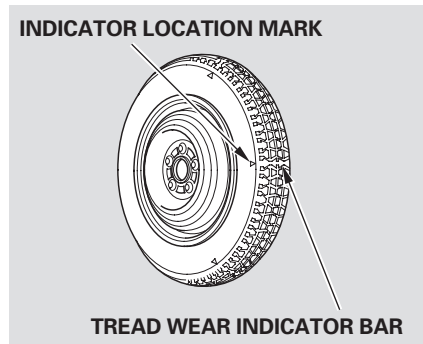
Check the inflation pressure of the compact spare tire every time you check the other tires. It should be inflated to:

60 psi (420 kPa , 4.2 kgf/cm<sup>2</sup>)

Follow these precautions:

- Never exceed 50 mph (80 km/h).
- This tire gives a harsher ride and less traction on some road surfaces. Use greater caution while driving.

- Do not mount snow chains on the compact spare tire.
- Do not use the compact spare tire if you are towing a trailer.
- Do not use your compact spare tire on another vehicle unless it is the same make and model.
- *On all LX-V6 and EX-V6 models*  
Turn off the Traction Control System (see page 191 ). Driving with the compact spare tire may activate the TCS.



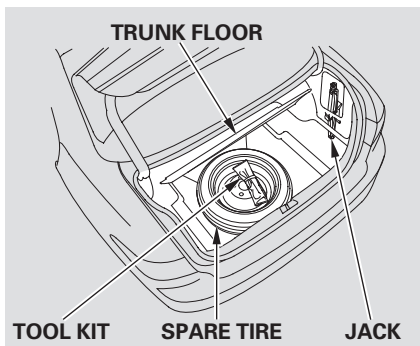
Replace the tire when you can see the tread wear indicator bars. The replacement should be the same size and design tire, mounted on the same wheel. The spare tire is not designed to be mounted on a regular wheel, and the spare wheel is not designed for mounting a regular tire.

If you have a flat tire while driving, stop in a safe place to change it. Drive slowly along the shoulder until you get to an exit or an area that is far away from the traffic lanes.

### **⚠ WARNING**

The vehicle can easily roll off the jack, seriously injuring anyone underneath.

Follow the directions for changing a tire exactly, and never get under the vehicle when it is supported only by the jack.



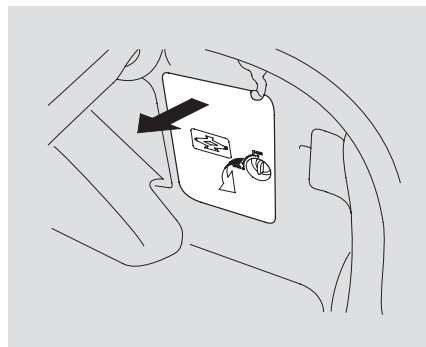
1. Park the vehicle on firm, level and non-slippery ground. Put the transmission in Park (automatic) or Reverse (manual). Apply the parking brake.
2. Turn on the hazard warning lights, and turn the ignition switch to LOCK (0). Have all the passengers get out of the vehicle while you change the tire.

3. The tools are in the trunk. Open the trunk and raise the trunk floor by lifting up on the back edge.
4. Take the tool kit out of the trunk.
5. Unscrew the wing bolt and take the spare tire out of its well.

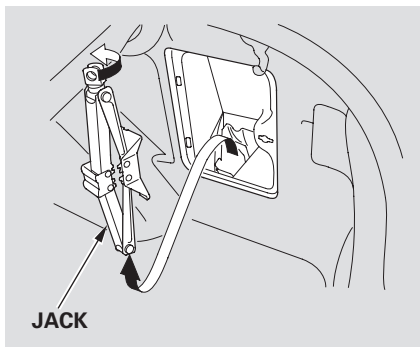
*CONTINUED*



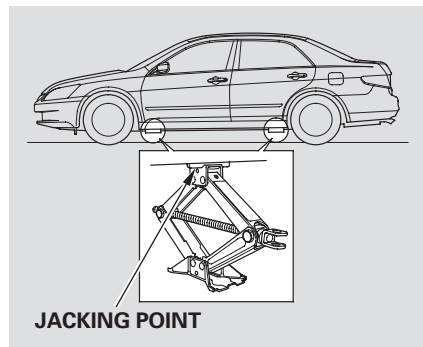
# Changing a Flat Tire



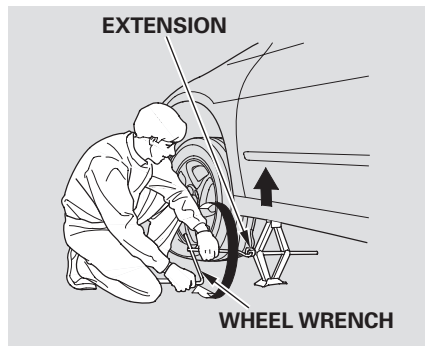
6. The jack is behind a cover in the right fender. Remove the cover by turning the handle counterclockwise, then pulling on the cover.



7. Turn the jack's end bracket counterclockwise to loosen it, then remove the jack.
8. Loosen each wheel nut  $1/2$  turn with the wheel wrench.



9. Place the jack under the jacking point nearest the tire you need to change. Turn the end bracket clockwise until the top of the jack contacts the jacking point. Make sure the jacking point tab is resting in the jack notch.

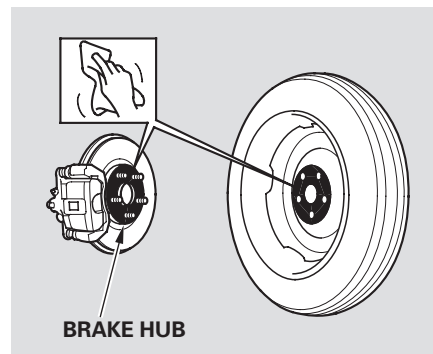


10. Use the extension and wheel wrench as shown to raise the vehicle until the flat tire is off the ground.

*U.S. DX, LX and LX-G model in Canada:*

Do not attempt to forcibly pry the wheel cover off with a screwdriver or other tool. The wheel cover cannot be removed without first removing the wheel nuts.

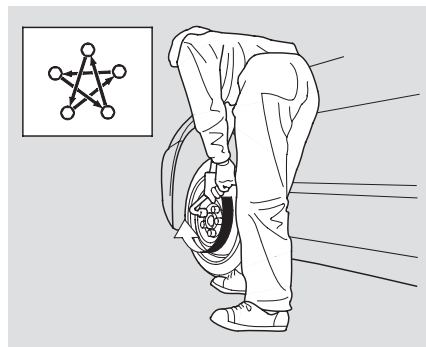
11. Remove the wheel nuts and flat tire. Place the flat tire on the ground with the outside surface of the wheel facing up.



12. Before mounting the spare tire, wipe any dirt off the mounting surface of the wheel and hub with a clean cloth. Wipe the hub carefully; it may be hot from driving.

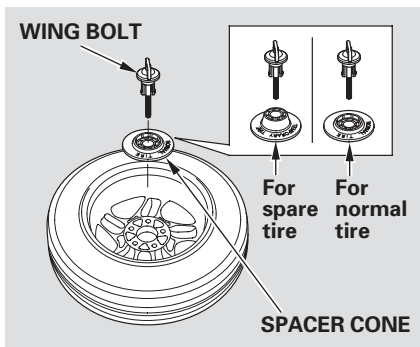
*CONTINUED*

## Changing a Flat Tire



13. Put on the spare tire. Put the wheel nuts back on finger-tight, then tighten them in a crisscross pattern with the wheel wrench until the wheel is firmly against the hub. Do not try to tighten them fully.

14. Lower the vehicle to the ground and remove the jack.



15. Tighten the wheel nuts securely in the same crisscross pattern. Have the wheel nut torque checked at the nearest automotive service facility.  
Tighten the wheel nuts to:  
80 lbf·ft (108 N·m , 11 kgf·m)

16. *LX, EX, and EX-V6 models*

Remove the center cap before storing the flat tire in the trunk well.

17. Place the flat tire face down in the spare tire well.

18. Remove the spacer cone from the wing bolt, turn it over, and put it back on the bolt.

19. Secure the flat tire by screwing the wing bolt back into its hole.

20. Store the jack in its holder. Turn the jack's end bracket to lock it in place. Replace the cover. Store the tools.

# Changing a Flat Tire, If the Engine Won't Start

## **WARNING**

Loose items can fly around the interior in a crash and could seriously injure the occupants.

Store the wheel, jack, and tools securely before driving.

21. Store the wheel cover or center cap in the trunk. Make sure it does not get scratched or damaged.

## **If the Engine Won't Start**

Diagnosing why the engine won't start falls into two areas, depending on what you hear when you turn the key to START (III):

- You hear nothing, or almost nothing. The engine's starter motor does not operate at all, or operates very slowly.
- You can hear the starter motor operating normally, or the starter motor sounds like it is spinning faster than normal, but the engine does not start up and run.

## **Nothing Happens or the Starter Motor Operates Very Slowly**

When you turn the ignition switch to START (III), you do not hear the normal noise of the engine trying to start. You may hear a clicking sound or series of clicks, or nothing at all.

Check these things:

- Check the transmission interlock. If you have a manual transmission, the clutch pedal must be pushed all the way to the floor or the starter will not operate. With an automatic transmission, it must be in Park or Neutral.
- Turn the ignition switch to ON (II). Turn on the headlights, and check their brightness. If the headlights are very dim or don't light at all, the battery is discharged. See **Jump Starting** on page [255](#).

*CONTINUED*

# If the Engine Won't Start

---

- Turn the ignition switch to START (III). If the headlights do not dim, check the condition of the fuses. If the fuses are OK, there is probably something wrong with the electrical circuit for the ignition switch or starter motor. You will need a qualified technician to determine the problem (see **Emergency Towing** on page [264](#)).

If the headlights dim noticeably or go out when you try to start the engine, either the battery is discharged or the connections are corroded. Check the condition of the battery connections (see page [244](#)). You can then try jump starting the vehicle from a booster battery (see page [255](#)).

## The Starter Operates Normally

In this case, the starter motor's speed sounds normal, or even faster than normal, when you turn the ignition switch to START (III), but the engine does not run.

- Are you using the proper starting procedure? Refer to **Starting the Engine** on page [179](#).
- Are you using a properly coded key? An improperly coded key will cause the immobilizer system indicator in the instrument panel to blink rapidly (see page [81](#)).

- Do you have fuel? Check the fuel gauge; the low fuel indicator may not be working.
- There may be an electrical problem, such as no power to the fuel pump. Check all the fuses (see page [265](#)).

If you find nothing wrong, you will need a qualified technician to find the problem. See **Emergency Towing** on page [264](#).

Although this seems like a simple procedure, you should take several precautions.

## **WARNING**

A battery can explode if you do not follow the correct procedure, seriously injuring anyone nearby.

Keep all sparks, open flames, and smoking materials away from the battery.

You cannot start a Honda with an automatic transmission by pushing or pulling it.

To jump start your vehicle:

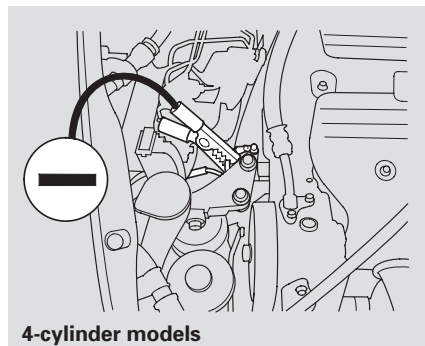
1. Open the hood, and check the physical condition of the battery. In very cold weather, check the condition of the electrolyte. If it seems slushy or like ice, do not try jump starting until it thaws.

**NOTICE:** *If a battery sits in extreme cold, the electrolyte inside can freeze. Attempting to jump start with a frozen battery can cause it to rupture.*

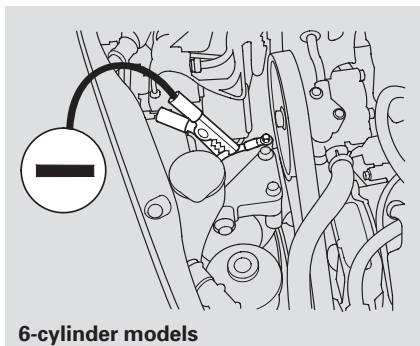
2. Turn off all the electrical accessories: heater, A/C, climate control, stereo system, lights, etc. Put the transmission in Neutral or Park, and set the parking brake.

3. Connect one jumper cable to the positive (+) terminal on your battery. Connect the other end to the positive (+) terminal on the booster battery.

*CONTINUED*



4. Connect the second jumper cable to the negative (–) terminal on the booster battery. Connect the other end to the grounding strap as shown. Do not connect this jumper cable to any other part of the engine.



5. If the booster battery is in another vehicle, have an assistant start that vehicle and run it at a fast idle.
6. Start the vehicle. If the starter motor still operates slowly, check that the jumper cables have good metal-to-metal contact.

7. Once your vehicle is running, disconnect the negative cable from your vehicle, then from the booster battery. Disconnect the positive cable from your vehicle, then from the booster battery.

Keep the ends of the jumper cables away from each other and any metal on the vehicle until everything is disconnected. Otherwise, you may cause an electrical short.

The pointer of the vehicle's temperature gauge should stay in the midrange. If it climbs to the red mark, you should determine the reason (hot day, driving up a steep hill, etc.).

If your vehicle overheats, you should take immediate action. The only indication may be the temperature gauge climbing to or above the red mark. Or you may see steam or spray coming from under the hood.

**NOTICE:** *Driving with the temperature gauge pointer at the red mark can cause serious damage to your engine.*

### **WARNING**

Steam and spray from an overheated engine can seriously scald you.

Do not open the hood if steam is coming out.

1. Safely pull to the side of the road. Put the transmission in Neutral or Park, and set the parking brake. Turn off all accessories, and turn on the hazard warning indicators.
2. If you see steam and/or spray coming from under the hood, turn off the engine. Wait until you see no more signs of steam or spray, then open the hood.

3. If you do not see steam or spray, leave the engine running, and watch the temperature gauge. If the high heat is due to overloading, the engine should start to cool down almost immediately. If it does, wait until the temperature gauge comes down to the midpoint, then continue driving.
4. If the temperature gauge stays at the red mark, turn off the engine.
5. Look for any obvious coolant leaks, such as a split radiator hose. Everything is still extremely hot, so use caution. If you find a leak, it must be repaired before you continue driving (see **Emergency Towing** on page 264 ).

CONTINUED



## If the Engine Overheats

---

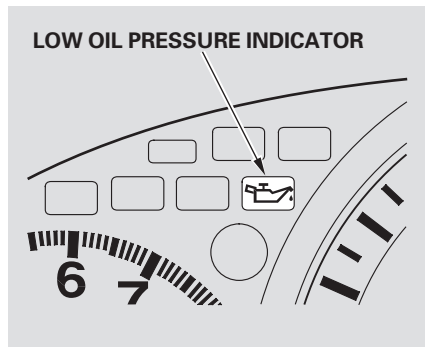
6. If you don't find an obvious leak, check the coolant level in the radiator reserve tank (see page [219](#)). Add coolant if the level is below the MIN mark.
7. If there was no coolant in the reserve tank, you may need to add coolant to the radiator. Let the engine cool down until the pointer reaches the middle of the temperature gauge, or lower, before checking the radiator.

### **WARNING**

Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you.

Always let the engine and radiator cool down before removing the radiator cap.

8. Using gloves or large heavy cloth, turn the radiator cap counterclockwise, without pushing down, to the first stop. After the pressure releases, push down on the cap, and turn it until it comes off.
9. Start the engine and set the temperature control dial to maximum (climate control to FULL AUTO at 90°F/32°C). Add coolant to the radiator up to the base of the filler neck. If you do not have the proper coolant mixture available, you can add plain water. Remember to have the cooling system drained and refilled with the proper mixture as soon as you can.
10. Put the radiator cap back on tightly. Run the engine, and watch the temperature gauge. If it goes back to the red mark, the engine needs repair (see **Emergency Towing** on page [264](#) ).
11. If the temperature stays normal, check the coolant level in the radiator reserve tank. If it has gone down, add coolant to the MAX mark. Put the cap back on tightly.



This light should never come on when the engine is running. If it starts flashing or stays on, the oil pressure has dropped very low or lost pressure. Serious engine damage is possible and you should take immediate action.

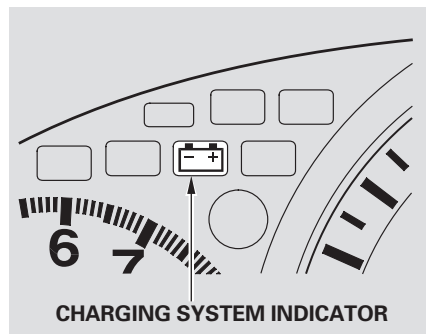
**NOTICE:** *Running the engine with low oil pressure can cause serious mechanical damage almost immediately. Turn off the engine as soon as you can safely get the vehicle stopped.*

1. Safely pull off the road, and shut off the engine. Turn on the hazard warning indicators.
2. Let the vehicle sit for a minute. Open the hood, and check the oil level (see page [168](#)). An engine very low on oil can lose pressure during cornering and other driving maneuvers.
3. If necessary, add oil to bring the level back to the full mark on the dipstick (see page [214](#)).

4. Start the engine and watch the oil pressure indicator. If it does not go out within ten seconds, turn off the engine. There is a mechanical problem that needs to be repaired before you can continue driving (see **Emergency Towing** on page [264](#)).

# Charging System Indicator, Malfunction Indicator Lamp

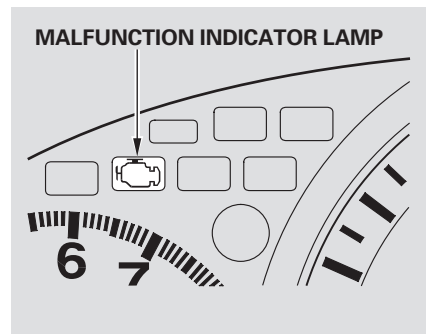
## Charging System Indicator



If the charging system indicator comes on brightly when the engine is running, the battery is not being charged.

Immediately turn off all electrical accessories. Try not to use other electrically operated controls such as the power windows. Keep the engine running; starting the engine will discharge the battery rapidly. Go to a service station or garage where you can get technical assistance.

## Malfunction Indicator Lamp



If the indicator comes on while driving, it means one of the engine's emission control systems may have a problem. Even though you may feel no difference in your vehicle's performance, continued operation may cause serious damage.

If you have recently refueled your vehicle, the cause of this indicator coming on could be a loose or missing fuel fill cap. Check the cap or replace it. Tightening the cap will not make the indicator turn off immediately; it takes at least three days of normal driving.

If the indicator remains on or the fuel cap was not loose or missing, have the vehicle checked by the dealer as soon as possible.

**NOTICE:** *If you keep driving with the Malfunction Indicator Lamp on, you can damage your vehicle's emissions controls and engine. Those repairs may not be covered by your vehicle's warranties. This indicator may also come on with the "D" indicator.*

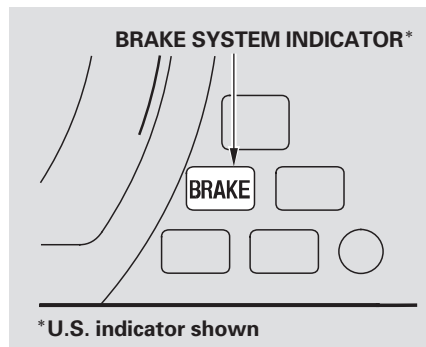
### Readiness Codes

Your vehicle has certain "readiness codes" that are part of the on-board diagnostics for the emissions systems. In some states, part of the emissions testing is to make sure these codes are set. If they are not set, the test cannot be completed.

If your vehicle's battery has been disconnected or gone dead, these codes are erased. It takes at least three days of driving under various conditions to set the codes again.

To check if they are set, turn the ignition to ON (II), without starting the engine. The Malfunction Indicator Lamp will come on for 20 seconds. If it then goes off, the readiness codes are set. If it blinks 5 times, the readiness codes are not set. If possible, do not take your vehicle for a state emissions test until the readiness codes are set. Refer to State Emissions Testing for more information (see page [285](#)).

# Brake System Indicator



If the brake system indicator comes on while driving, the brake fluid level is probably low in the reservoir. Press lightly on the brake pedal to see if it feels normal. If it does, check the brake fluid level the next time you stop at a service station (see page 225). If the fluid level is low, take your vehicle to the dealer and have the brake system inspected for leaks or worn brake pads.

However, if the brake pedal does not feel normal, you should take immediate action. A problem in one part of the system's dual circuit design will still give you braking at two wheels. You will feel the brake pedal go down much farther before the vehicle begins to slow down, and you will have to press harder on the pedal.

Slow down by shifting to a lower gear, and pull to the side of the road when it is safe. Because of the long distance needed to stop, it is hazardous to drive the vehicle. You should have it towed and repaired as soon as possible (see **Emergency Towing** on page 264).

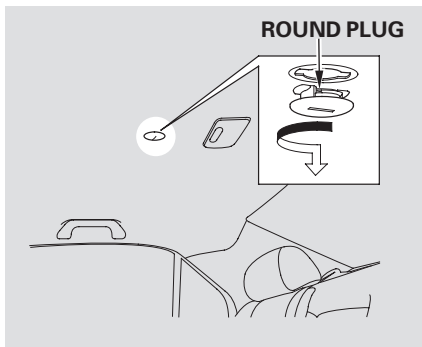
If you must drive the vehicle a short distance in this condition, drive slowly and carefully.

If the ABS indicator comes on with this indicator, have the vehicle inspected by your Honda dealer immediately.

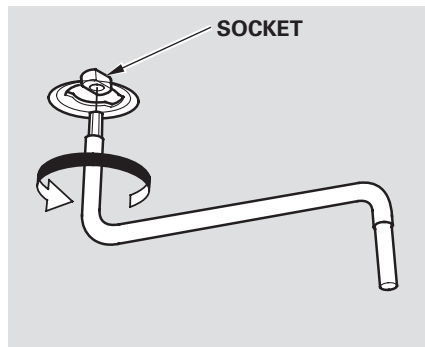
*On all EX and EX-V6 models*

If the electric motor will not close the moonroof, do the following:

1. Check the fuse for the moonroof motor (see page 265 ). If the fuse is blown, replace it with one of the same or lower rating.
2. Try closing the moonroof. If the new fuse blows immediately or the moonroof motor still does not operate, you can close the moonroof manually.
3. Get the moonroof wrench out of the tool kit in the trunk.



4. Use a screwdriver or coin to remove the round plug in the center of the headliner.



5. Insert the moonroof wrench into the socket behind this plug. Turn the wrench until the moonroof is fully closed.
6. Remove the wrench. Reinstall the round plug.

# Emergency Towing

---

If your vehicle needs to be towed, call a professional towing service or an organization. Never tow your vehicle with just a rope or chain. It is very dangerous.

## **The best way you can safely tow your vehicle is with flat-bed equipment.**

The operator will load your vehicle on the back of a truck. If your Honda cannot be transported by flat-bed, it should be towed by wheel-lift equipment with the front wheels off the ground. If, due to damage, your vehicle must be towed with the front wheels on the ground, do the following:

### *5-speed Manual Transmission:*

- Release the parking brake.
- Shift the transmission to Neutral.

### *Automatic Transmission:*

- Release the parking brake.
- Start the engine.
- Shift to D, then to N.
- Turn off the engine.

**NOTICE:** *Improper towing preparation will damage the transmission. Follow the above procedure exactly. If you cannot shift the transmission or start the engine (automatic transmission), your vehicle must be transported with the front wheels off the ground.*

With the front wheels on the ground, it is best to tow the vehicle no farther than 50 miles (80 km), and keep the speed below 35 mph (55 km/h).

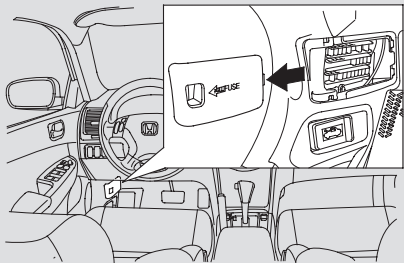
If you decide to tow your vehicle with all four wheels on the ground, make sure you use a properly-designed and attached tow bar. Prepare the vehicle for towing as described above, and leave the ignition switch in Accessory (I) so the steering wheel does not lock. Make sure the radio and any items plugged into the accessory power socket are turned off so they do not run down the battery.

Do not use the sling-type towing equipment. This type of towing is unacceptable as your vehicle's suspension and body can be seriously damaged.

**NOTICE:** *The steering system can be damaged if the steering wheel is locked. Leave the ignition switch in Accessory (I), and make sure the steering wheel turns freely before you begin towing.*

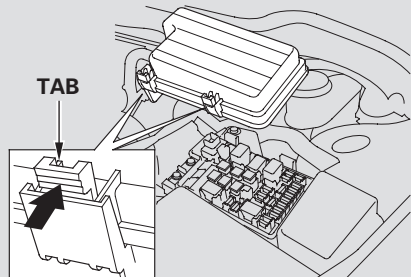
**NOTICE:** *Trying to lift or tow your vehicle by the bumpers will cause serious damage. The bumpers are not designed to support the vehicle's weight.*

## INTERIOR



The interior fuse box is on the driver's lower left side. To remove the fuse box lid, pull it toward you and take it out of its hinges.

## UNDER-HOOD



The under-hood fuse box is located near the back of the engine compartment on the driver's side. To open it, push the tabs as shown.

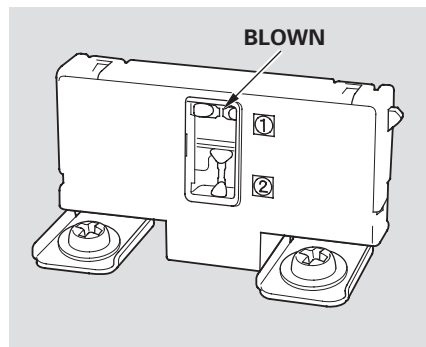
## Checking and Replacing Fuses

If something electrical in your vehicle stops working, the first thing you should check for is a blown fuse. Determine from the chart on pages [268](#) and [269](#), or the diagram on the fuse box lid, which fuse or fuses control that component. Check those fuses first, but check all the fuses before deciding that a blown fuse is not the cause. Replace any blown fuses and check if the device works.

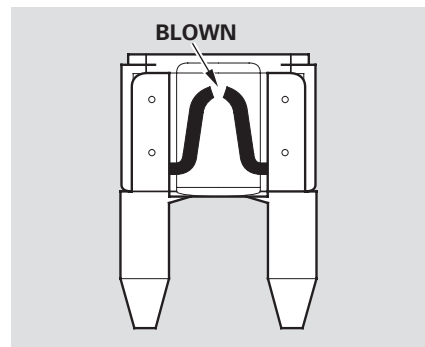
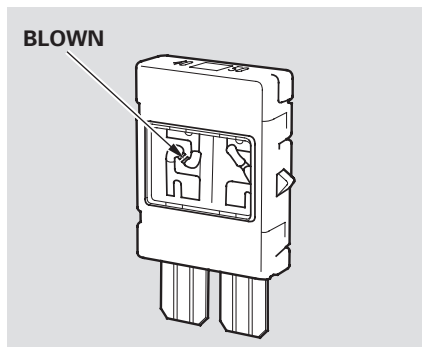
1. Turn the ignition switch to LOCK (0). Make sure the headlights and all other accessories are off.
2. Remove the cover from the fuse box.

*CONTINUED*

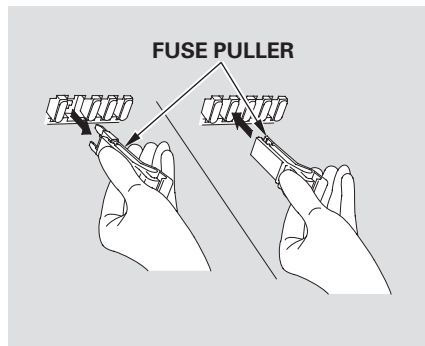




3. Check each of the large fuses in the under-hood fuse box by looking at the wire inside. Removing these fuses requires a Phillips-head screwdriver.



4. Check the smaller fuses in the under-hood fuse box and all the fuses in the interior fuse box by pulling out each fuse with the fuse puller provided in the under-hood fuse box.
5. Look for a burned wire inside the fuse. If it is burned, replace it with one of the spare fuses of the same rating or lower.



If you cannot drive the vehicle without fixing the problem, and you do not have a spare fuse, take a fuse of the same rating or a lower rating from one of the other circuits with the fuse puller provided in the underhood fuse box. Make sure you can do without that circuit temporarily (such as the accessory power socket or radio).

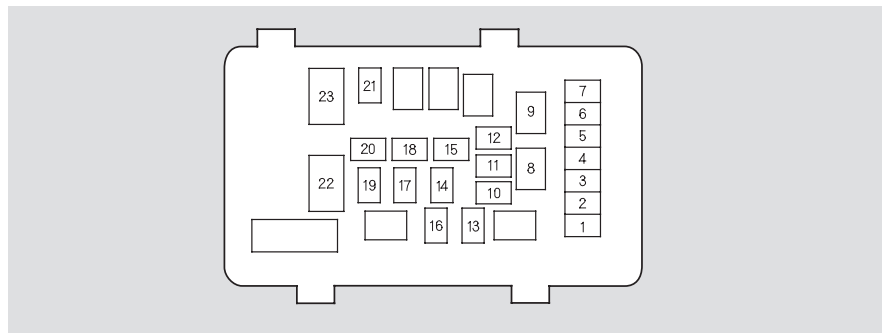
If you replace the blown fuse with a spare fuse that has a lower rating, it might blow out again. This does not indicate anything wrong. Replace the fuse with one of the correct rating as soon as you can.

**NOTICE:** *Replacing a fuse with one that has a higher rating greatly increases the chances of damaging the electrical system. If you do not have a replacement fuse with the proper rating for the circuit, install one with a lower rating.*

6. If the replacement fuse of the same rating blows in a short time, there is probably a serious electrical problem in your vehicle. Leave the blown fuse in that circuit, and have your vehicle checked by a qualified mechanic.

CONTINUED

## UNDER-HOOD FUSE/RELAY BOX



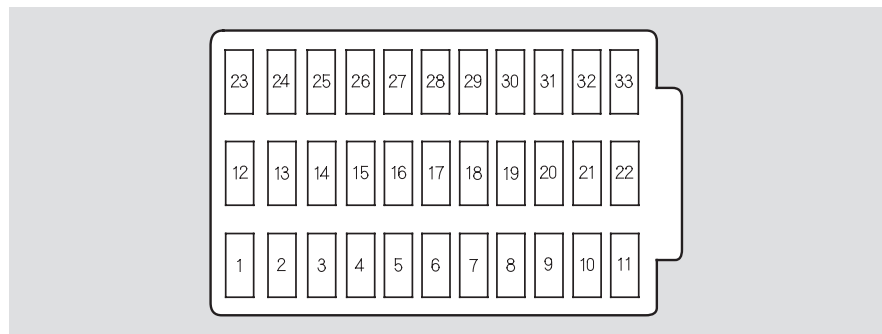
| No. | Amps. | Circuits Protected    |
|-----|-------|-----------------------|
| 1   | 10 A  | Left Headlight Low    |
| 2   | (30A) | (Rear Defroster Coil) |
| 3   | 10 A  | Left Headlight Hi     |
| 4   | 15 A  | Small Light           |
| 5   | 10 A  | Right Headlight Hi    |

| No. | Amps. | Circuits Protected  |
|-----|-------|---------------------|
| 6   | 10 A  | Right Headlight Low |
| 7   | 7.5 A | Back Up             |
| 8   | 15 A  | FI ECU              |
| 9   | 20 A  | Condenser fan       |
| 10  | —     | Not Used            |

| No. | Amps.  | Circuits Protected |
|-----|--------|--------------------|
| 11  | 20 A   | Cooling Fan        |
| 11* | 30 A   | Cooling Fan        |
| 12  | 7.5 A  | MG. Clutch         |
| 13  | 20 A   | Horn, Stop         |
| 14  | 40 A   | Rear Defroster     |
| 15  | 40 A   | Back Up, ACC       |
| 16  | 15 A   | Hazard             |
| 17  | 30 A   | ABS Motor          |
| 17* | 30 A   | TCS Motor          |
| 18  | 20 A   | ABS F/S            |
| 18* | 40 A   | TCS                |
| 19  | 40 A   | Heated Seats       |
| 20  | (40 A) | Condenser Fan      |
| 21  | 40 A   | Heater Motor       |
| 22  | 100 A  | Battery            |
|     | —      | Not Used           |
| 23  | 50 A   | + B IG1 Main       |
|     | 50 A   | Power Window Main  |

\* : 6-cylinder models

## INTERIOR FUSE BOX



| No.             | Amps.  | Circuits Protected |
|-----------------|--------|--------------------|
| 1 <sup>*1</sup> | (15 A) | Drive by Wire      |
| 2               | 15 A   | Ignition Coil      |
| 3 <sup>*2</sup> | (10 A) | Day Light          |
| 4               | 15 A   | Laf Heater         |
| 5               | 10 A   | Radio              |
| 6               | 7.5 A  | Interior Light     |

| No. | Amps. | Circuits Protected      |
|-----|-------|-------------------------|
| 7   | 10 A  | Back-Up Lights          |
| 8   | 20 A  | Door Lock               |
| 9   | 15 A  | Front Accessory Sockets |
| 10  | 7.5 A | IG OPDS                 |
| 11  | 30 A  | IG Wiper                |
| 12  | —     | Not Used                |

| No. | Amps.  | Circuits Protected             |
|-----|--------|--------------------------------|
| 13  | (20 A) | Passenger's Power Seat Recline |
| 14  | (20 A) | Driver's Power Seat Slide      |
| 15  | (20 A) | Heated Seat                    |
| 16  | (20 A) | Driver's Power Seat Recline    |
| 17  | (20 A) | Passenger's Power Seat Slide   |
| 18  | 15 A   | IG ACG                         |
| 19  | 15 A   | IG Fuel Pump                   |
| 20  | 7.5 A  | IG Washer                      |
| 21  | 7.5 A  | IG Meter                       |
| 22  | 10 A   | IG SRS                         |
| 23  | 7.5 A  | IGP (PGM-FI ECU)               |
| 24  | 20 A   | Left Rear Power Window         |
| 25  | 20 A   | Right Rear Power Window        |
| 26  | 20 A   | Right Front Power Window       |
| 27  | 20 A   | Driver's Power Window          |
| 28  | (20 A) | Moonroof                       |
| 29  | —      | Not Used                       |
| 30  | 7.5 A  | IG HAC                         |
| 31  | —      | Not Used                       |
| 32  | 7.5 A  | ACC                            |
| 33  | 7.5 A  | HAC OP                         |

\*1 : 6-cylinder models

\*2 : On Canadian models

The diagrams in this section give you the dimensions and capacities of your Honda, and the locations of the identification numbers. It also includes information you should know about your vehicle's tires and emissions control systems.

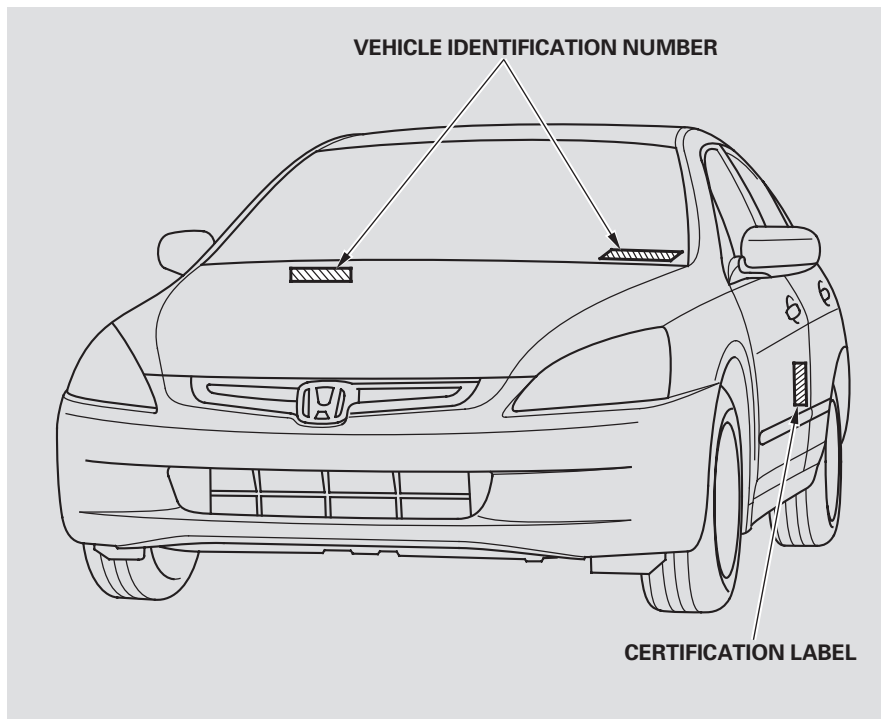
|  |     |
|--|-----|
| Identification Numbers .....                       | 272 |
| Specifications .....                               | 274 |
| DOT Tire Quality Grading<br>(U. S. Vehicles) ..... | 277 |
| Uniform Tire Quality<br>Grading .....              | 277 |
| Treadwear .....                                    | 277 |
| Traction.....                                      | 277 |
| Temperature .....                                  | 278 |
| Tire Labeling.....                                 | 279 |

|  |     |
|--|-----|
| Oxygenated Fuels.....                          | 280 |
| Driving in Foreign Countries .....             | 281 |
| Emissions Controls.....                        | 282 |
| The Clean Air Act .....                        | 282 |
| Crankcase Emissions Control<br>System.....     | 282 |
| Evaporative Emissions Control<br>System.....   | 282 |
| Onboard Refueling Vapor<br>Recovery .....      | 282 |
| Exhaust Emissions Controls ....                | 283 |
| PGM-FI System .....                            | 283 |
| Ignition Timing Control<br>System.....         | 283 |
| Exhaust Gas Recirculation<br>(EGR) System..... | 283 |
| Three Way Catalytic<br>Converter.....          | 283 |
| Replacement Parts.....                         | 283 |
| Three Way Catalytic Converter ..               | 284 |
| State Emissions Testing .....                  | 285 |

# Identification Numbers

Your vehicle has several identifying numbers in various places.

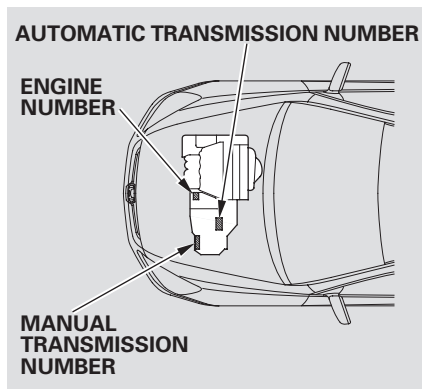
The Vehicle Identification Number (VIN) is the 17-digit number your Honda dealer uses to register your vehicle for warranty purposes. It is also necessary for licensing and insuring your vehicle. The easiest place to find the VIN is on a plate fastened to the top of the dashboard. You can see it by looking through the windshield on the driver's side. It is also on the Certification label attached to the driver's doorjamb, and is stamped on the engine compartment bulkhead. The VIN is also provided in bar code on the Certification label.



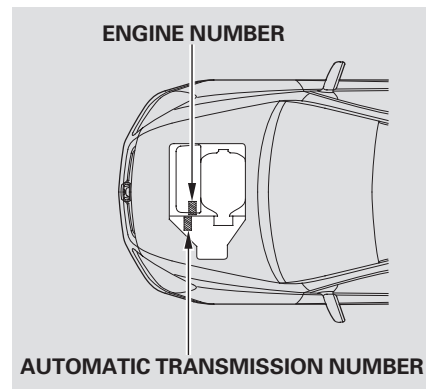
The Engine Number is stamped into the engine block. It is on the front.

The Transmission Number is on a label on top of the transmission.

## 4-cylinder Models



## 6-cylinder Models



# Specifications

## Dimensions

|           |       |                     |
|-----------|-------|---------------------|
| Length    |       | 189.5 in (4,813 mm) |
| Width     |       | 71.7 in (1,820 mm)  |
| Height    |       | 57.2 in (1,453 mm)  |
| Wheelbase |       | 107.9 in (2,740 mm) |
| Track     | Front | 61.1 in (1,553 mm)  |
|           | Rear  | 61.2 in (1,554 mm)  |

## Weights

|                             |  |
|-----------------------------|--|
| Gross vehicle weight rating | See the certification label attached to the driver's doorjamb. |
|-----------------------------|--|

## Air Conditioning

|                  |  |
|------------------|--|
| Refrigerant type | HFC-134a (R-134a)  |
| Charge quantity  | 25–27 oz (700–750 g)<br>16–18 oz (450–500 g)* <sup>1</sup> |
| Lubricant type   | ND-OIL8  |

## Capacities

|           |                                  |
|-----------|----------------------------------|
| Fuel tank | Approx.<br>17.09 US gal (64.7 ℓ) |
|-----------|----------------------------------|

\*1: 6-cylinder models

## Capacities

|                              |                      |   |
|------------------------------|----------------------|---|
| Engine coolant               | Change* <sup>2</sup> |   |
|                              | Manual               | 1.35 US gal (5.1 ℓ)                                       |
|                              | Automatic            | 1.32 US gal (5.0 ℓ)<br>1.77 US gal (6.7 ℓ) * <sup>1</sup> |
|                              | Total                |   |
|                              | Manual               | 1.90 US gal (7.2 ℓ)                                       |
|                              | Automatic            | 1.88 US gal (7.1 ℓ)<br>2.22 US gal (8.4 ℓ) * <sup>1</sup> |
| Engine oil                   | Change* <sup>3</sup> |   |
|                              | Including filter     | 4.4 US qt (4.2 ℓ)<br>4.5 US qt (4.3 ℓ) * <sup>1</sup>     |
|                              | Without filter       | 4.2 US qt (4.0 ℓ)   |
|                              | Total                | 5.6 US qt (5.3 ℓ)<br>5.3 US qt (5.0 ℓ) * <sup>1</sup>     |
| Manual transmission oil      | Change               | 2.0 US qt (1.9 ℓ)   |
|                              | Total                | 2.2 US qt (2.1 ℓ)   |
| Automatic transmission fluid | Change               | 3.0 US qt (2.8 ℓ)   |
|                              |                      | 3.1 US qt (2.9 ℓ) * <sup>1</sup>                          |
|                              | Total                | 6.9 US qt (6.5 ℓ)<br>7.6 US qt (7.2 ℓ) * <sup>1</sup>     |
| Windshield washer reservoir  | U.S. Vehicles        | 2.6 US qt (2.5 ℓ)   |
|                              | Canada Vehicles      | 4.8 US qt (4.5 ℓ)   |

\*2: Including the coolant in the reserve tank and that remaining in the engine.

Reserve tank capacity: 0.16 US gal (0.6 ℓ)

\*3: Excluding the oil remaining in the engine.



## Lights

|  |      |                          |
|--|------|--------------------------|
| Headlights                                 | High | 12 V — 60 W (HB3)        |
|  | Low  | 12 V — 51 W (HB4)        |
| Front turn signal/<br>Front parking lights |      | 12 V — 24/2.2 CP         |
| Rear turn signal lights                    |      | 12 V — 21 W (Amber)      |
| Stop/Taillights                            |      | 12 V — 21/5 W            |
| Taillights                                 |      | 12 V — 2 CP              |
| High-mount brake light                     |      | 12 V — 21 W              |
| Back-up lights                             |      | 12 V — 21 W              |
| License plate light                        |      | 12 V — 3 CP              |
| Ceiling light                              |      | 12 V — 8 W               |
| Spotlights                                 |      | 12 V — 8 W <sup>*1</sup> |
| Spotlights/Front ceiling lights            |      | 12 V — 8 W <sup>*2</sup> |
| Trunk light                                |      | 12 V — 5 W               |
| Door courtesy light                        |      | 12 V — 2 CP              |
| Vanity mirror lights                       |      | 12 V — 1.1 W             |

\*1 : LX

\*2 : EX

## Battery

|          |            |                   |
|----------|------------|-------------------|
| Capacity | 4-cylinder | 12 V — 38 AH/5 HR |
|          | 6-cylinder | 12 V — 52 AH/5 HR |

## Fuses

|            |   |
|------------|---|
| Interior   | See page 269 or the fuse label attached to the inside of the fuse box door on each side of the dashboard. |
| Under-hood | See page 268 or the fuse box cover.   |

## Engine

|                   |  |
|-------------------|--|
| Type              | Water cooled 4-stroke, DOHC i-VTEC 4-cylinder, SOHC VTEC 6-cylinder (V6), gasoline engine  |
| Bore x Stroke     | 3.43 x 3.9 in (87.0 x 99.0 mm) <sup>*3</sup><br>3.39 x 3.39 in (86.0 x 86.0 mm) <sup>*4</sup>  |
| Displacement      | 143.6 cu-in (2,354 cm <sup>3</sup> ) <sup>*3</sup><br>182.8 cu-in (2,997 cm <sup>3</sup> ) <sup>*4</sup>   |
| Compression ratio | 9.7 : 1 <sup>*3</sup><br>10 : 1 <sup>*4</sup>  |
| Spark plugs       | NGK: IZFR6K-11 <sup>*3, *4</sup><br>DENSO: SKJ20DR-M11 <sup>*3, *4</sup><br>NGK: IZFR6K-13 <sup>*3, *5</sup><br>DENSO: SKJ20DR-M13 <sup>*3, *5</sup> |

\*3 : 4-cylinder models

\*4 : 6-cylinder models

\*5 : On some models

## Alignment

|        |       |                  |
|--------|-------|------------------|
| Toe-in | Front | 0.00 in (0.0 mm) |
|        | Rear  | 0.08 in (2.0 mm) |
| Camber | Front | 0°               |
|        | Rear  | — 1°             |
| Caster | Front | 3°15'            |

CONTINUED

# Specifications

---

## Tires

|          |            |  |
|----------|------------|--|
| Size     | Front/Rear | P195/65R15 89H *1<br>P205/65R15 92H *2<br>P205/60R16 91V *3  |
|          | Spare      | T135/90D15   |
| Pressure | Front      | 32 psi (220 kPa , 2.2 kgf/cm <sup>2</sup> ) *1,3<br>30 psi (210 kPa , 2.1 kgf/cm <sup>2</sup> ) *2 |
|          | Rear       | 30 psi (210 kPa , 2.1 kgf/cm <sup>2</sup> ) *1,3<br>29 psi (200 kPa , 2.0 kgf/cm <sup>2</sup> ) *2 |
|          | Spare      | 60 psi (420 kPa , 4.2 kgf/cm <sup>2</sup> )  |
|          |            |  |

\* 1 : DX

\* 2 : LX

\* 3 : All EX and V6 models

The tires on your car meet all U.S. Federal Safety Requirements. All tires are also graded for treadwear, traction, and temperature performance according to Department of Transportation (DOT) standards. The following explains these gradings.

## **Uniform Tire Quality Grading**

Quality grades can be found where applicable on the tire sidewall between the tread shoulder and the maximum section width. For example:

**Treadwear 200**  
**Traction AA**  
**Temperature A**

All passenger vehicle tires must conform to Federal Safety Requirements in addition to these grades.

## **Treadwear**

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

## **Traction — AA, A, B, C**

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

**Warning:** The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

### **Temperature — A, B, C**

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Warning: The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

## Tire Labeling

The tires that came on your vehicle have a number of markings. Those you should be aware of are described below.

### *Tire Size*

Whenever tires are replaced, they should be replaced with tires of the same size. Following is an example of tire size with an explanation of what each component means.

**P205/60R16 91V**

- P — Vehicle type (P indicates passenger vehicle).
- 205 — Tire width in millimeters.
- 60 — Aspect ratio (the tire's section height as a percentage of its width).
- R — Tire construction code (R indicates radial).

- 16 — Rim diameter in inches.
- 91 — Load index (a numerical code associated with the maximum load the tire can carry).
- V — Speed symbol (an alphabetical code indicating the maximum speed rating).

### *Tire Identification Number*

Tire Identification Number (TIN) is a group of numbers and letters that look like the following example TIN.

**DOT B97R FW6X 2202**

- DOT — This indicates that the tire meets all requirements of the U.S. Department of Transportation.
- B97R — Manufacturer's identification mark.
- FW6X — Tire type code.

- 2202 — Date of manufacture.

## Oxygenated Fuels

---

Some conventional gasolines are being blended with alcohol or an ether compound. These gasolines are collectively referred to as oxygenated fuels. To meet clean air standards, some areas of the United States and Canada use oxygenated fuels to help reduce emissions.

If you use an oxygenated fuel, be sure it is unleaded and meets the minimum octane rating requirement.

Before using an oxygenated fuel, try to confirm the fuel's contents. Some states/provinces require this information to be posted on the pump.

The following are the U.S. EPA and Canadian CGSB approved percentages of oxygenates:

**ETHANOL** (ethyl or grain alcohol)  
You may use gasoline containing up to 10 percent ethanol by volume. Gasoline containing ethanol may be marketed under the name "Gasohol."

**MTBE** (Methyl Tertiary Butyl Ether)  
You may use gasoline containing up to 15 percent MTBE by volume.

**METHANOL** (methyl or wood alcohol)  
Your vehicle was not designed to use fuel that contains methanol. Methanol can corrode metal parts in the fuel system, and also damage plastic and rubber components. This damage would not be covered by your warranties.

If you notice any undesirable operating symptoms, try another service station or switch to another brand of gasoline.

Fuel system damage or performance problems resulting from the use of an oxygenated fuel containing more than the percentages of oxygenates given above are not covered under warranty.

If you are planning to take your Honda outside the U.S. or Canada, contact the tourist bureaus in the areas you will be traveling in to find out about the availability of unleaded gasoline with the proper octane rating.

If unleaded gasoline is not available, be aware that using leaded gasoline in your Honda will affect performance and fuel mileage, and damage its emissions controls. It will no longer comply with U.S. and Canadian emissions regulations, and will be illegal to operate in North America. To bring your vehicle back into compliance will require the replacement of several components, such as the oxygen sensors and the three way catalytic converter. These replacements are not covered under warranty.

The burning of gasoline in your vehicle's engine produces several by-products. Some of these are carbon monoxide (CO), oxides of nitrogen (NOx) and hydrocarbons (HC). Gasoline evaporating from the tank also produces hydrocarbons. Controlling the production of NOx, CO, and HC is important to the environment. Under certain conditions of sunlight and climate, NOx and HC react to form photochemical "smog." Carbon monoxide does not contribute to smog creation, but it is a poisonous gas.

## **The Clean Air Act**

The United States Clean Air Act\* sets standards for automobile emissions. It also requires that automobile manufacturers explain to owners how their emissions controls work and what to do to maintain them. This section summarizes how the emissions controls work. Scheduled maintenance is on pages [204](#) and [206](#).

\* In Canada, Honda vehicles comply with the Canadian emission requirements, as specified in an agreement with Environment Canada, at the time they are manufactured.

## **Crankcase Emissions Control System**

Your vehicle has a Positive Crankcase Ventilation System. This keeps gasses that build up in the engine's crankcase from going into the atmosphere. The Positive Crank-

case Ventilation valve routes them from the crankcase back to the intake manifold. They are then drawn into the engine and burned.

## **Evaporative Emissions Control System**

As gasoline evaporates in the fuel tank, an evaporative emissions control canister filled with charcoal adsorbs the vapor. It is stored in this canister while the engine is off. After the engine is started and warmed up, the vapor is drawn into the engine and burned during driving.

## **Onboard Refueling Vapor Recovery**

The Onboard Refueling Vapor Recovery (ORVR) system captures the fuel vapors during refueling. The vapors are adsorbed in a canister filled with activated carbon. While driving, the fuel vapors are drawn into the engine and burned off.



## **Exhaust Emissions Controls**

The exhaust emissions controls include four systems: PGM-FI, Ignition Timing Control, Exhaust Gas Recirculation and Three Way Catalytic Converter. These four systems work together to control the engine's combustion and minimize the amount of HC, CO, and NOx that comes out the tailpipe. The exhaust emissions control systems are separate from the crankcase and evaporative emissions control systems.

### ***PGM-FI System***

The PGM-FI System uses sequential multiport fuel injection.

It has three subsystems: Air Intake, Engine Control, and Fuel Control. The Engine Control Module (ECM) or the Powertrain Control Module (PCM) uses various sensors to determine how much air is going into the engine. It then controls how much fuel to inject under all operat-

ing conditions.

### ***Ignition Timing Control System***

This system constantly adjusts the ignition timing, reducing the amount of HC, CO, and NOx produced.

### ***Exhaust Gas Recirculation (EGR) System***

The Exhaust Gas Recirculation (EGR) system takes some of the exhaust gas and routes it back into the intake manifold. Adding exhaust gas to the air/fuel mixture reduces the amount of NOx produced when the fuel is burned.

### ***Three Way Catalytic Converter***

The three way catalytic converter is in the exhaust system. Through chemical reactions, it converts HC, CO, and NOx in the engine's exhaust to carbon dioxide (CO<sub>2</sub>), dinitrogen (N<sub>2</sub>), and water vapor.

## **Replacement Parts**

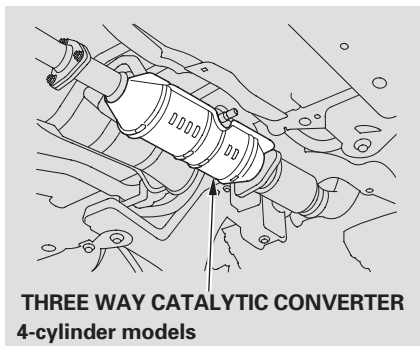
The emissions control systems are designed and certified to work together in reducing emissions to levels that comply with the Clean Air Act. To make sure the emissions remain low, you should use only new Honda replacement parts or their equivalent for repairs. Using lower quality parts may increase the emissions from your vehicle.

The emissions control systems are covered by warranties separate from the rest of your vehicle. Read your warranty manual for more information.

# Three Way Catalytic Converter

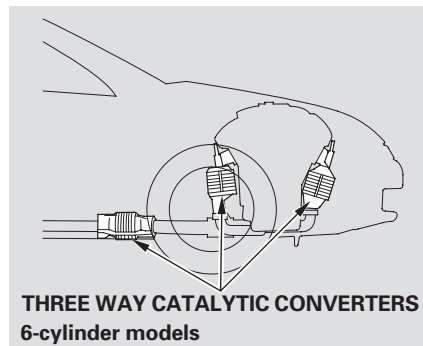
The three way catalytic converter contains precious metals that serve as catalysts, promoting chemical reactions to convert the exhaust gasses without affecting the metals. The catalytic converter is referred to as a three-way catalyst, since it acts on HC, CO, and NOx. A replacement unit must be an original Honda part or its equivalent.

The three way catalytic converter must operate at a high temperature for the chemical reactions to take place. It can set on fire any combustible materials that come near it. Park your vehicle away from high grass, dry leaves, or other flammables.



A defective three way catalytic converter contributes to air pollution, and can impair your engine's performance. Follow these guidelines to protect your vehicle's three way catalytic converter.

- Always use unleaded gasoline. Even a small amount of leaded gasoline can contaminate the catalyst metals, making the three way catalytic converter ineffective.



- Keep the engine tuned-up.
- Have your vehicle diagnosed and repaired if it is misfiring, backfiring, stalling, or otherwise not running properly.

## Testing of Readiness Codes

If you take your vehicle for a state emissions test shortly after the battery has been disconnected or gone dead, it may not pass the test. This is because of certain “readiness codes” that must be set in the on-board diagnostics for the emissions systems. These codes are erased when the battery is disconnected, and set again only after several days of driving under a variety of conditions.

If the testing facility determines that the readiness codes are not set, you will be requested to return at a later date to complete the test. If you must get the vehicle re-tested within the next two or three days, you can condition the vehicle for re-testing by doing the following.

- Make sure the gas tank is nearly, but not completely, full (around 3/4).
- Make sure the vehicle has been parked with the engine off for 8 hours or more.
- Make sure the ambient temperature is between 20° and 95° F.

- Without touching the accelerator pedal, start the engine, and let it idle for 20 seconds.
- Keep the vehicle in Park (automatic transmission) or Neutral (manual transmission). Increase the engine speed to 2,000 rpm and hold it there until the temperature gauge rises to at least 1/4 of the scale (approximately 3 minutes).

*CONTINUED*

# State Emissions Testing

---

- Select a nearby lightly traveled major highway where you can maintain a speed of 50 to 60 mph (80 to 97 km/h) for at least 20 minutes. Drive on the highway in D (A/T) or 5th (M/T). Do not use the cruise control. When traffic allows, drive for 90 seconds without moving the accelerator pedal. (Vehicle speed may vary slightly; this is okay.) If you cannot do this for a continuous 90 seconds because of traffic conditions, drive for at least 30 seconds, then repeat it two more times (for a total of 90 seconds).

- Then drive in city/suburban traffic for at least 10 minutes. When traffic conditions allow, let the vehicle coast for several seconds without using the accelerator pedal or the brake pedal.

If the testing facility determines the readiness codes are still not set, see your Honda dealer.

|  |     |
|--|-----|
| Customer Service Information.....                | 288 |
| Warranty Coverages .....                         | 289 |
| Reporting Safety Defects<br>(U.S. Vehicle) ..... | 290 |
| Authorized Manuals .....                         | 291 |

## Customer Service Information

---

Honda dealership personnel are trained professionals. They should be able to answer all your questions. If you encounter a problem that your dealership does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager or General Manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact your Honda Customer Service Office.

U.S. Owners:  
American Honda Motor Co., Inc.  
Automobile Customer Service  
Mail Stop 500-2N-7A  
1919 Torrance Boulevard  
Torrance, California 90501-2746

Tel: (800) 999-1009

Canadian Owners:  
**CUSTOMER RELATIONS**  
**RELATIONS AVEC LA CLIENTÉLE**

Honda Canada Inc.  
715 Milner Avenue  
Toronto, ON  
M1B 2K8

Tel: 1-888-9-HONDA-9  
Fax: Toll-free 1-877-939-0909  
Toronto (416) 287-4776

In Puerto Rico and the U.S. Virgin Islands:

Bella International  
P.O. Box 190816  
San Juan, Puerto Rico 00919-0816

(787) 250-4318

When you call or write, please give us this information:

- Vehicle Identification Number (see page [272](#) )
- Name and address of the dealer who services your vehicle
- Date of purchase
- Mileage on your vehicle
- Your name, address, and telephone number
- A detailed description of the problem
- Name of the dealer who sold the vehicle to you

## U.S. Owners

Your new Honda is covered by these warranties:

***New Vehicle Limited Warranty*** — covers your new vehicle, except for the battery, emissions control systems, and accessories, against defects in materials and workmanship.

***Emissions Control Systems Defects Warranty and Emissions***

***Performance Warranty*** — these two warranties cover your vehicle's emissions control systems. Time, mileage, and coverage are conditional. Please read the warranty manual for exact information.

***Original Equipment Battery Limited Warranty*** — this warranty gives up to 100 percent credit toward a replacement battery.

***Seat Belt Limited Warranty*** — a seat belt that fails to function properly is covered for the useful life of the vehicle.

***Rust Perforation Limited Warranty*** — all exterior body panels are covered for rust-through from the inside for the specified time period with no mileage limit.

***Accessory Limited Warranty*** — Honda Accessories are covered under this warranty. Time and mileage limits depend on the type of accessory and other factors. Please read your warranty manual for details.

***Replacement Parts Limited Warranty*** — covers all Honda replacement parts against defects in materials and workmanship.

***Replacement Battery Limited Warranty*** — provides prorated coverage for a replacement battery purchased from a Honda dealer.

***Replacement Muffler Lifetime Limited Warranty*** — provides coverage for as long as the purchaser of the muffler owns the vehicle.

Restrictions and exclusions apply to all these warranties. Please read the 2004 Honda Warranty Information booklet that came with your vehicle for precise information on warranty coverages. Your Honda's original tires are covered by their manufacturer. Tire warranty information is in a separate booklet.

## Canadian Owners

Please refer to the 2004 Warranty Manual that came with your vehicle.

## Reporting Safety Defects (U.S. Vehicles)

---

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Acura Automobile Division, American Honda Motor Co., Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or American Honda Motor Co., Inc.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from the Hotline.



## Purchasing Factory Authorized Manuals (U.S. only)

The publications shown below can be purchased from Helm Incorporated. You can order in any of three ways:

- Detach and mail the order form on the right half of this page
- Call Helm Inc. at 1-800-782-4356 (credit card orders only)
- Go online at [www.helminc.com](http://www.helminc.com)

If you are interested in other years or models, contact Helm Inc. at 1-800-782-4356

| Publication Form Number | Form Description   | Price Each* |
|-------------------------|--|-------------|
| 61SDA04                 | 2003-2004 Honda Accord 2/4 Door L4 Service Manual Base Book      | \$70.00     |
| 61SDA05                 | 2003-2004 Honda Accord 2/4 Door V6 Service Manual Supplement     | \$40.00     |
| 61SDA04EL               | 2003-2004 Honda 2/4 Door L4/V6 Electrical Troubleshooting Manual | \$50.00     |
| 61SDA30                 | 2003-2004 Honda 2/4 Door L4/V6 Body Repair Manual                | \$44.00     |
| 31SDA610                | 2004 Honda Accord 4 Door L4/V6 Owner's Manual                    | \$34.00     |
| 31SDA710                | 2004 Honda Accord L4/V6 Navigation Manual                        | \$29.00     |
| 31SDAQ10                | 2004 Honda Accord 4 Door L4/V6 Quick Start Guide                 | \$12.00     |
| HON-R                   | Order Form for Previous Years- Indicate Year and Model Desired   | FREE        |

\* Prices are subject to change without notice and without incurring obligation.

*Valid only for sales within the U.S. Canadian owners should contact their authorized Honda dealer.*

**ORDER TOLL FREE: 1-800-782-4356**

**(NOTE: For Credit Card Holder Orders Only)**

Monday-Friday 8:00 A.M. — 6:00 P.M. EST

**MINIMUM CREDIT CARD PURCHASE \$10.00**

**OR**

By completing this form you can order the materials desired. You can pay by check or money order, or charge to your credit card. Mail to Helm Incorporated at the address shown on the back of the order form.

| 2004 HON  | PUBLICATION NUMBER | VEHICLE MODEL |      | Qty | Price Each*                      | Total Price |
|---|--------------------|---------------|------|-----|----------------------------------|-------------|
|   |                    | Name          | Year |     |                                  |             |
|   |                    |               |      |     |                                  |             |
|   |                    |               |      |     |                                  |             |
|   |                    |               |      |     |                                  |             |
|   |                    |               |      |     |                                  |             |
| * Prices are subject to change without notice and without incurring obligation. |                    |               |      |     | TOTAL MATERIAL                   |             |
|   |                    |               |      |     | Mich. Purchases Add 6% Sales Tax |             |
| Orders are mailed within 10 days. Please allow adequate time for delivery.      |                    |               |      |     | HANDLING CHARGE \$6.95           |             |
|   |                    |               |      |     | GRAND TOTAL                      |             |

|                |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|
| <b>PAYMENT</b> | <input type="checkbox"/> Check or money order enclosed payable to Helm Inc — U.S. funds only.<br>Do not send cash  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |
|                | <input type="checkbox"/> Master Card <input type="checkbox"/> VISA <input type="checkbox"/> Check here if your billing address is different from the shipping address shown above.   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |
|                | Account Number _____ Expiration: Mo. Yr.   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |
|                | <table border="1" style="width: 100%; height: 30px; border-collapse: collapse;"> <tr> <td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td><td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> — </td> </tr> </table> |  |  |  |  |  |  |  |  |  |  |  |  |   |  | — |
|                |  |  |  |  |  |  |  |  |  |  |  |  |  | — |  |   |
|                | <hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <div style="display: flex; justify-content: space-between;"> <span>CUSTOMER SIGNATURE</span> <span>DATE</span> </div>   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |

HELLO

## Service Manual:

# Electrical Troubleshooting Manual:

This manual complements the Service Manual by providing in-depth troubleshooting information for each electrical circuit in your vehicle.

## Body Repair Manual:

This manual describes the procedures involved in the replacement of damaged body parts.

## A

|   |                    |
|---|--------------------|
| Accessories.....                            | 171                |
| ACCESSORY (Ignition Key<br>Position) .....  | 82                 |
| Accessory Power Socket .....                | 107                |
| Additives, Engine Oil.....                  | 215                |
| Airbag (SRS) .....                          | 9                  |
| Airbag System Components.....               | 22                 |
| Air Conditioning.....                       | 110                |
| Usage .....                                 | 115                |
| Air Pressure, Tires .....                   | 239                |
| Alcohol in Gasoline.....                    | 280                |
| Anti-lock Brakes (ABS)<br>Description ..... | 189                |
| Indicator.....                              | 63, 190            |
| Operation .....                             | 188                |
| Anti-theft Steering Column Lock ..          | 82                 |
| Audio System.....                           | 122, 130, 132, 140 |
| Automatic Speed Control.....                | 155                |
| Automatic Transmission.....                 | 182                |
| Capacity, Fluid .....                       | 274                |
| Shifting.....                               | 182                |
| Shift Lever Position Indicator ..           | 182                |
| Shift Lever Positions .....                 | 182                |
| Shift Lock Release.....                     | 185                |

## B

|                                    |         |
|------------------------------------|---------|
| Battery                            |         |
| Charging System                    |         |
| Indicator.....                     | 62, 260 |
| Jump Starting .....                | 255     |
| Maintenance.....                   | 244     |
| Specifications .....               | 275     |
| Before Driving .....               | 163     |
| Belts, Seat .....                  | 8       |
| Beverage Holders .....             | 107     |
| Brakes                             |         |
| Anti-lock System (ABS) .....       | 189     |
| Break-in, New Linings .....        | 164     |
| Bulb Replacement .....             | 233     |
| Fluid .....                        | 225     |
| Parking.....                       | 104     |
| System Indicator .....             | 62      |
| Wear Indicators .....              | 188     |
| Braking System.....                | 188     |
| Break-in, New Car .....            | 164     |
| Brightness Control, Instruments... | 76      |
| Brights, Headlights .....          | 74      |
| Bulb Replacement                   |         |
| Brake Lights.....                  | 233     |
| Front Parking Lights.....          | 231     |

|                              |     |
|------------------------------|-----|
| Headlights .....             | 228 |
| High-mount Brake Light ..... | 234 |
| Specifications .....         | 275 |
| Trunk Light.....             | 233 |
| Turn Signal Lights.....      | 231 |
| Bulbs, Halogen.....          | 228 |

## C

|                                |          |
|--------------------------------|----------|
| Capacities Chart.....          | 274      |
| Carbon Monoxide Hazard .....   | 56       |
| Carrying Cargo .....           | 173      |
| CAUTION, Explanation of .....  | ii       |
| CD Changer.....                | 132      |
| CD Player .....                | 130, 131 |
| CD Pocket, Center.....         | 106      |
| Certification Label.....       | 272      |
| Chains .....                   | 243      |
| Changing a Flat Tire .....     | 249      |
| Changing Oil                   |          |
| How to .....                   | 216      |
| When to .....                  | 204, 206 |
| Charging System Indicator .... | 62, 260  |
| Checklist, Before Driving..... | 178      |

CONTINUED

|                                 |     |
|---------------------------------|-----|
| Childproof Door Locks .....     | 85  |
| Child Seats .....               | 34  |
| Lower Anchorage Points .....    | 46  |
| Tether Anchorage Points .....   | 50  |
| Climate Control Sensors .....   | 121 |
| Clock, Setting the .....        | 153 |
| Clutch Fluid .....              | 226 |
| CO in the Exhaust .....         | 282 |
| Cold Weather, Starting in ..... | 179 |
| Compact Spare .....             | 248 |
| Console Compartment .....       | 107 |
| Consumer Information * .....    | 288 |
| Controls, Instruments and ..... | 59  |
| Coolant                         |     |
| Adding .....                    | 219 |
| Checking .....                  | 169 |
| Proper Solution .....           | 219 |
| Temperature Gauge .....         | 69  |
| Crankcase Emissions Control     |     |
| System .....                    | 282 |
| Cruise Control Operation .....  | 155 |
| Customer Service Office .....   | 288 |

## D

|                              |    |
|------------------------------|----|
| DANGER, Explanation of ..... | ii |
|------------------------------|----|

|                                   |          |
|-----------------------------------|----------|
| Dashboard .....                   | 60       |
| Daytime Running Lights .....      | 76       |
| Defects, Reporting Safety .....   | 290      |
| Defogger, Rear Window .....       | 77       |
| Dimensions .....                  | 274      |
| Dimming the Headlights .....      | 74       |
| Dipstick                          |          |
| Automatic Transmission ..         | 221, 222 |
| Engine Oil .....                  | 168      |
| Directional Signals .....         | 74       |
| Disc Brake Wear Indicators .....  | 188      |
| Disposal of Used Oil .....        | 217      |
| Doors                             |          |
| Locking and Unlocking .....       | 83       |
| DOT Tire Quality Grading .....    | 277      |
| Downshifting, 5-speed Manual      |          |
| Transmission .....                | 180      |
| Driver and Passenger Safety ..... | 5        |
| Driving .....                     | 177      |
| Economy .....                     | 170      |
| In Foreign Countries .....        | 281      |
| Dual Temperature Control .....    | 119      |
| Dust and Pollen Filter .....      | 235      |

## E

|                                  |          |
|----------------------------------|----------|
| Economy, Fuel .....              | 170      |
| Emergencies on the Road .....    | 247      |
| Battery, Jump Starting .....     | 255      |
| Brake System Indicator .....     | 262      |
| Changing a Flat Tire .....       | 249      |
| Charging System Indicator .....  | 260      |
| Checking the Fuses .....         | 265      |
| Low Oil Pressure Indicator ..... | 259      |
| Malfunction Indicator Lamp ...   | 260      |
| Manually Closing Moonroof ...    | 263      |
| Overheated Engine .....          | 257      |
| Emergency Brake .....            | 103      |
| Emergency Flashers .....         | 76       |
| Emergency Towing .....           | 264      |
| Emissions Controls .....         | 282      |
| Engine                           |          |
| Coolant Temperature Gauge ....   | 69       |
| Malfunction Indicator            |          |
| Lamp .....                       | 62, 260  |
| Oil Pressure Indicator .....     | 62, 259  |
| Oil, What Kind to Use .....      | 214      |
| Overheating .....                | 257      |
| Specifications .....             | 274      |
| Speed Limiter .....              | 181, 184 |

|   |          |
|---|----------|
| Starting.....                                 | 179      |
| Engine Speed Limiter .....                    | 181, 184 |
| Ethanol in Gasoline .....                     | 280      |
| Evaporative Emissions Controls..              | 282      |
| Exhaust Fumes .....                           | 56       |
| Expectant Mothers, Use of Seat Belts by ..... | 17       |

## F

|                               |          |
|-------------------------------|----------|
| Fan, Interior .....           | 110, 111 |
| Features .....                | 109      |
| Filling the Fuel Tank.....    | 165      |
| Filter                        |          |
| Dust and Pollen.....          | 235      |
| Oil .....                     | 216      |
| 5-speed Manual Transmission   |          |
| Checking Fluid Level .....    | 224      |
| 5-speed Manual Transmission   |          |
| Shifting the .....            | 180      |
| Flashers, Hazard Warning..... | 76       |
| Flat Tire, Changing a .....   | 249      |
| Fluids                        |          |
| Automatic Transmission ..     | 221, 222 |
| Brake .....                   | 225      |
| Clutch.....                   | 226      |

|                                     |     |
|-------------------------------------|-----|
| Manual Transmission .....           | 224 |
| Power Steering.....                 | 226 |
| Windshield Washer .....             | 218 |
| Folding Rear Seat .....             | 95  |
| Foreign Countries, Driving in ..... | 281 |
| Four-way Flashers .....             | 76  |
| Fuel.....                           | 164 |
| Fill Door and Cap.....              | 165 |
| Gauge .....                         | 70  |
| Octane Requirement .....            | 164 |
| Oxygenated .....                    | 280 |
| Tank, Filling the.....              | 165 |
| Fuses, Checking the.....            | 265 |

## G

|                                 |     |
|---------------------------------|-----|
| Gas Mileage, Improving.....     | 170 |
| Gasohol .....                   | 280 |
| Gasoline .....                  | 164 |
| Gauge .....                     | 70  |
| Octane Requirement .....        | 164 |
| Tank, Filling the.....          | 165 |
| Gas Station Procedures.....     | 165 |
| Gauges                          |     |
| Engine Coolant Temperature .... | 69  |
| Fuel.....                       | 70  |

|                                  |     |
|----------------------------------|-----|
| Speedometer .....                | 68  |
| Tachometer .....                 | 68  |
| Gearshift Lever Positions        |     |
| Automatic Transmission.....      | 182 |
| 5-speed Manual Transmission..... | 180 |
| Glove Box .....                  | 108 |

## H

|                               |     |
|-------------------------------|-----|
| Halogen Headlight Bulbs.....  | 228 |
| Hazard Warning Flashers.....  | 76  |
| Headlights.....               | 74  |
| Aiming.....                   | 228 |
| Automatic Lighting Off.....   | 75  |
| Daytime Running Lights.....   | 76  |
| Low Beams, Turning on .....   | 74  |
| Reminder Chime.....           | 74  |
| Replacing Halogen Bulbs ..... | 228 |
| Turning on.....               | 74  |
| Head Restraints .....         | 94  |
| Heating and Cooling.....      | 110 |
| Heated Mirror .....           | 99  |

CONTINUED

|                                     |     |
|-------------------------------------|-----|
| HomeLink Universal Transceiver..... | 158 |
| Hood, Opening the .....             | 166 |
| Hydraulic Clutch.....               | 226 |

## I

|                                    |     |
|------------------------------------|-----|
| Identification Number, Vehicle.... | 272 |
| Ignition                           |     |
| Keys.....                          | 79  |
| Switch.....                        | 82  |
| Timing Control System.....         | 283 |
| Immobilizer System.....            | 81  |
| Important Safety Precautions ..... | 6   |
| Indicators, Instrument Panel.....  | 61  |
| Infant Restraint .....             | 40  |
| Infant Seats.....                  | 40  |
| Tether Anchorage Points .....      | 50  |
| Inflation, Proper Tire .....       | 238 |
| Inside Mirror .....                | 98  |
| Inspection, Tire .....             | 240 |
| Installing a Child Seat .....      | 45  |
| Tether Anchorage Points .....      | 47  |
| Using LATCH .....                  | 46  |
| Instrument Panel .....             | 61  |
| Instrument Panel Brightness .....  | 76  |

|                    |   |
|--------------------|---|
| Introduction ..... | i |
|--------------------|---|

## J

|                              |     |
|------------------------------|-----|
| Jacking up the Vehicle ..... | 250 |
| Jack, Tire .....             | 250 |
| Jump Starting .....          | 255 |

## K

|           |    |
|-----------|----|
| Keys..... | 79 |
|-----------|----|

## L

|                                    |        |
|------------------------------------|--------|
| Label, Certification .....         | 272    |
| Lane Change, Signaling .....       | 74     |
| Lap/Shoulder Belts .....           | 15, 19 |
| Lights                             |        |
| Bulb Replacement .....             | 228    |
| Indicator.....                     | 61     |
| Parking.....                       | 74     |
| Turn Signal.....                   | 65     |
| LOCK (Ignition Key Position) ..... | 82     |
| Locks                              |        |
| Anti-theft Steering Column .....   | 82     |
| Fuel Fill Door .....               | 165    |

|                                     |         |
|-------------------------------------|---------|
| Glove Box .....                     | 108     |
| Lockout Prevention .....            | 84      |
| Power Door .....                    | 83      |
| Trunk .....                         | 89      |
| Low Coolant Level.....              | 169     |
| Lower Gear, Downshifting to a....   | 180     |
| Low Oil Pressure Indicator ....     | 62, 259 |
| Lubricant Specifications Chart .... | 274     |
| Luggage .....                       | 173     |

## M

|                                 |         |
|---------------------------------|---------|
| Maintenance .....               | 199     |
| Owner Maintenance Checks....    | 203     |
| Record.....                     | 208     |
| Required Indicator.....         | 70      |
| Safety.....                     | 200     |
| Schedule .....                  | 204-207 |
| Malfunction Indicator Lamp ..   | 62, 260 |
| Manual Transmission.....        | 180     |
| Manual Transmission Fluid ..... | 224     |
| Meters, Gauges.....             | 68      |
| Methanol in Gasoline .....      | 280     |
| Mirrors, Adjusting .....        | 98      |
| Modifications.....              | 172     |

|                        |     |
|------------------------|-----|
| Moonroof .....         | 102 |
| Closing Manually ..... | 263 |
| Operation .....        | 102 |

## N

|                               |     |
|-------------------------------|-----|
| Neutral Gear Position.....    | 183 |
| New Vehicle Break-in .....    | 164 |
| Normal Shift Speeds.....      | 181 |
| NOTICE, Explanation of.....   | i   |
| Numbers, Identification ..... | 272 |

## O

|                                  |          |
|----------------------------------|----------|
| Octane Requirement, Gasoline.... | 164      |
| Odometer.....                    | 68       |
| Odometer/Outside Temperature     |          |
| Indicator .....                  | 68       |
| Odometer, Trip .....             | 69       |
| Oil                              |          |
| Change, How to .....             | 216      |
| Change, When to .....            | 204, 206 |
| Checking Engine .....            | 168      |
| Pressure Indicator .....         | 62, 259  |
| Selecting Proper Viscosity       |          |
| Chart .....                      | 215      |

|                                   |     |
|-----------------------------------|-----|
| ON (Ignition Key Position) .....  | 82  |
| Operation in Foreign Countries... | 281 |
| Outside Mirrors .....             | 98  |
| Outside Temperature.....          | 68  |
| Overheating, Engine .....         | 257 |
| Owner Maintenance Checks.....     | 203 |
| Oxygenated Fuel .....             | 280 |

## P

|                                   |     |
|-----------------------------------|-----|
| Panel Brightness Control .....    | 76  |
| Park Gear Position.....           | 183 |
| Parking Brake .....               | 103 |
| Parking Lights.....               | 74  |
| Parking Over Things that Burn...  | 284 |
| Parking Tips .....                | 187 |
| PGM-FI System.....                | 283 |
| Pollen Filter .....               | 235 |
| Pregnancy, Using Seat Belts ..... | 17  |
| Protecting Adults and Teens.....  | 11  |
| Additional Safety Precautions.... | 18  |
| Advice for Pregnant Women.....    | 17  |
| Protecting Children .....         | 34  |
| Protecting Infants and Small      |     |
| Children .....                    | 40  |

|                                  |    |
|----------------------------------|----|
| Protecting Larger Children ..... | 51 |
| Using Booster Seat.....          | 52 |

## R

|                                  |               |
|----------------------------------|---------------|
| Radiator Overheating.....        | 257           |
| Radio/CD Sound                   |               |
| System .....                     | 122, 130, 132 |
| Rear Lights, Bulb Replacement... | 233           |
| Rear Seat, Folding .....         | 95            |
| Rear View Mirror.....            | 98            |
| Rear Window Defogger .....       | 77            |
| Reclining the Seat Backs .....   | 92, 93        |
| Recommended Shift Speeds .....   | 181           |
| Reminder Lights .....            | 61            |
| Remote Transmitter .....         | 85            |
| Replacement Information          |               |
| Engine Oil and Filter .....      | 216           |
| Fuses .....                      | 265           |
| Light Bulbs .....                | 228           |
| Schedule .....                   | 204, 206      |
| Tires .....                      | 241           |
| Wiper Blades .....               | 236           |

CONTINUED

Replacing Seat Belts After a  
Crash ..... 21  
Reserve Tank, Coolant..... 219  
Restraint, Child ..... 34  
Reverse Gear Position..... 183  
Rotation, Tire ..... 241

## S

Safety Belts..... 8  
Safety Defects, Reporting\* ..... 290  
Safety Features ..... 7  
    Airbags..... 9  
    Seat Belts..... 8  
Safety Labels, Location of ..... 57  
Safety Messages ..... ii  
Satellite Radio..... 145  
Seat Belts ..... 8  
    Additional Information..... 19  
    Automatic Seat Belt  
        Tensioners..... 20  
    Lap/Shoulder Belt..... 19  
    Maintenance..... 21  
    Reminder Light and  
        Beeper..... 19, 62  
    System Components..... 19

    Use During Pregnancy..... 17  
    Wearing Lap/Shoulder Belt..... 14  
Seats, Adjusting the..... 92, 93  
Security System ..... 154  
Selecting a Child Seat..... 43  
Select/Reset Knob ..... 68, 69  
Serial Number ..... 272  
Service Intervals ..... 204, 206  
Service Manual\* ..... 292  
Service Station Procedures ..... 165  
Setting the Clock ..... 153  
Shift Lever Position Indicator ..... 182  
Shift Lock Release..... 185  
Side Airbags ..... 9, 27  
    How Your Side Airbags Work.... 27  
    How The SIDE Airbag Off  
        Indicator Light Works ..... 29  
Side Curtain Airbags ..... 10, 28  
    How Your Side Curtain  
        Airbags Work..... 28  
Signaling Turns..... 74  
Snow Tires..... 242  
Sound System ..... 122, 130, 132, 140  
Spare Tire  
    Inflating..... 248  
    Specifications ..... 276

Specifications Charts..... 274  
Speed Control..... 155  
Speed Limiter ..... 181, 184  
Speedometer ..... 68  
SRS, Additional Information..... 22  
    Additional Safety Precautions.... 33  
    How the Passenger Airbag Off  
        Indicator Light Works ..... 31  
    How Your Airbags  
        Work ..... 23, 27, 28  
    How Your SRS Indicator Light  
        Works..... 28  
    SRS Components ..... 22  
    SRS Service..... 32  
SRS Indicator..... 28, 63  
START (Ignition Key Position) ..... 82  
Starting the Engine..... 179  
    With a Dead Battery ..... 255  
Steam Coming from Engine..... 257  
Steering Wheel  
    Adjustment ..... 78  
    Anti-theft Column Lock ..... 82  
Stereo Sound  
    System ..... 122, 130, 132, 140  
Sun Visor..... 104  
Sunglasses Holder ..... 108



|                               |        |
|-------------------------------|--------|
| Supplemental Restraint System |        |
| Servicing .....               | 32     |
| SRS Indicator .....           | 28, 63 |
| System Components .....       | 22     |
| Synthetic Oil .....           | 215    |

## T

|                                     |     |
|-------------------------------------|-----|
| Tachometer .....                    | 68  |
| Taillights, Changing Bulbs in ..... | 233 |
| Taking Care of the Unexpected ..    | 247 |
| Technical Descriptions              |     |
| DOT Tire Quality Grading .....      | 277 |
| Emissions Control Systems .....     | 282 |
| Oxygenated Fuels .....              | 280 |
| Three Way Catalytic Converter ..... | 284 |
| Temperature Gauge .....             | 69  |
| Tether Anchorage Points .....       | 50  |
| Three Way Catalytic Converter ..    | 284 |
| Time, Setting the .....             | 153 |
| Timing Belt .....                   | 227 |
| Tire Chains .....                   | 243 |
| Tire, How to Change a Flat .....    | 249 |
| Tire Labeling .....                 | 279 |

|                                       |               |
|---------------------------------------|---------------|
| Tires .....                           | 238           |
| Air Pressure .....                    | 239           |
| Checking Wear .....                   | 240           |
| Compact Spare .....                   | 248           |
| DOT Tire Quality Grading .....        | 277           |
| Inflation .....                       | 238           |
| Inspection .....                      | 240           |
| Replacing .....                       | 241           |
| Rotating .....                        | 241           |
| Snow .....                            | 242           |
| Specifications .....                  | 276           |
| Tools, Tire Changing .....            | 249           |
| Towing                                |               |
| A Trailer .....                       | 194           |
| Emergency Wrecker .....               | 264           |
| Traction Control System .....         | 191           |
| TCS Activation Indicator ....         | 63, 192       |
| TCS Indicator .....                   | 64, 191       |
| TCS ON/OFF Switch .....               | 192           |
| Transmission                          |               |
| Checking Fluid Level, Automatic ..... | 221, 222      |
| Checking Fluid Level, Manual .....    | 224           |
| Fluid Selection .....                 | 221, 223, 224 |
| Identification Number .....           | 272           |

|                              |     |
|------------------------------|-----|
| Shifting the Automatic ..... | 182 |
| Shifting the Manual .....    | 180 |
| Treadwear .....              | 277 |
| Trip Meter .....             | 69  |
| Trunk .....                  | 89  |
| Emergency Opener .....       | 90  |
| Opening the .....            | 89  |
| Open Monitor Light .....     | 64  |
| Turn Signals .....           | 74  |

## U

|                                      |     |
|--------------------------------------|-----|
| Unexpected, Taking Care of the ..... | 247 |
| Unleaded Gasoline .....              | 164 |
| Upholstery Cleaning .....            | 235 |
| Used Oil, How to Dispose of .....    | 217 |

## V

|                             |     |
|-----------------------------|-----|
| Vanity Mirror .....         | 104 |
| Vehicle Capacity Load ..... | 174 |
| Vehicle Dimensions .....    | 274 |

CONTINUED

# Index

---

|                                    |     |
|------------------------------------|-----|
| Vehicle Identification Number..... | 272 |
| Vehicle Storage .....              | 246 |
| VIN .....                          | 272 |
| Viscosity, Oil.....                | 215 |

## W

|                                   |     |
|-----------------------------------|-----|
| WARNING, Explanation of .....     | ii  |
| Warning Labels, Location of ..... | 57  |
| Warranty Coverages * .....        | 289 |
| Washer, Windshield                |     |
| Checking the Fluid Level .....    | 218 |
| Operation .....                   | 73  |
| Wheels                            |     |
| Adjusting the Steering .....      | 78  |
| Alignment and Balance.....        | 240 |
| Compact Spare .....               | 248 |
| Wrench .....                      | 251 |
| Windows                           |     |
| Operating the Power .....         | 99  |
| Rear, Defogger .....              | 77  |
| Windshield                        |     |
| Cleaning .....                    | 73  |
| Washers .....                     | 73  |
| Wipers, Windshield                |     |
| Changing Blades.....              | 236 |

|                                |     |
|--------------------------------|-----|
| Operation .....                | 73  |
| Worn Tires .....               | 240 |
| Wrecker, Emergency Towing..... | 264 |

\* : U.S. and Canada only

# Service Information Summary

---

## Gasoline:

Unleaded gasoline, pump octane number of 86 or higher.

## Fuel Tank Capacity:

17.09 US gal (64.7 ℓ)

## Recommended Engine Oil:

API Premium grade 5W-20 detergent oil (see page [215](#)).

Oil change capacity (including filter):

4-cylinder models

4.4 US qt (4.2 ℓ)

6-cylinder models

4.5 US qt (4.3 ℓ)

## Automatic Transmission Fluid:

Honda ATF-Z1 (Automatic Transmission Fluid) preferred, or a DEXRON® III ATF as a temporary replacement (see pages [221](#) and [224](#)).

## 5-speed Manual Transmission

### Fluid:

Honda Manual Transmission Fluid preferred, or an SAE 10W-30 or 10W-40 motor oil as a temporary replacement (see page [224](#)).

### Capacity:

2.0 US qt (1.9 ℓ)

## Power Steering Fluid:

Honda Power Steering Fluid preferred, or another brand of power steering fluid as a temporary replacement. Do not use ATF (see page [226](#)).

## Brake Fluid:

Honda Heavy Duty Brake Fluid DOT 3 preferred, or a DOT 3 or DOT 4 brake fluid as a temporary replacement (see page [225](#)).

## Tire Pressure (measured cold):

### LX

#### Front:

30 psi (210 kPa , 2.1 kgf/cm<sup>2</sup>)

#### Rear:

29 psi (200 kPa , 2.0 kgf/cm<sup>2</sup>)

### All other models

#### Front:

32 psi (220 kPa , 2.2 kgf/cm<sup>2</sup>)

#### Rear:

30 psi (210 kPa , 2.1 kgf/cm<sup>2</sup>)